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Inzuchtversuche, *Dilina tiliac*; Kolisko, 1550.

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Die Copulationsanhänge der solitären Apiden und die Artentstehung durch „physiologische Isolierung“; **Strohl, 2817.**

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Lep. Hesperidae, Mabilie & Boulet.

Col. Genecerus, Bourgeois.

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Col. Silphidae, Portevin Bul. Mus. 19.

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Society Islands. *Hymenoptera*. **Wheeler**, 3125; *Plagiolepis* sp. n.: **Cockerell**, 522; *Megachile* sp. n.—*Diptera*. **Doane**, 675; *Culicidae*, remarks.

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2546; *Coleotichus* sp. n.—*Orthoptera*. **Carl**, 424; *Salomona* sp. n.

Fiji Islands. *Coleoptera*. **Heller**, 1217; *Rhinoscapha* sp. n.—*Heteroptera*. **Kirkaldy**, 1504; *Teleonemia* sp. n.: **Kirkaldy**, 1504a; Catalogue of Fijian *Hemiptera* many new genera and species.—*Odonata*. **Martin**, 1797; *Procordulia* gen. n.—Fiji & Friendly islands. *Orthoptera*. **Brunner & Redtenbacher**, 339; *Phasmidae* general work, spp. n.

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Daniel & Daniel, 614; 10 spp. n. *Trechus*, *Pterostichus*, *Hister*, *Rhagium*, *Phytoecia*, *Laria*, *Urodou*, *Polydrosus*, *Orthochaetes* & *Acalles*.

Desbrochers, 649; *Tychius* & *Sibinia*, 30 spp. n.

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Formánek, 880; S. Eur. & Asia minor 4 spp. n. *Argoptochus*, *Barypithes*, *Omius*, & *Trachyploeus*.

Ganglbauer & others, 1003; Additional localities.

Jakovlev, 1365; Asia minor, Caucasus, W. Asia, *Sphenoptera* 16 spp. n.

Jakovlev, 1370; *Sphenoptera* 8 spp. n.

Pic, 2167; Descriptions ou diagnoses et notes diverses, 60 spp. n.

Pic, 2183; Amur & Turkestan, *Cryptcephalus* 2 spp. n.

Poppius, 2221; Caucasus & Transcaspian, 5 spp. n. *Carabidae*, *Pterostichus*, *Amara*, *Lebia*.

Reitter, 2309; *Xantholinus* 3 spp. n.

Reitter, 2314; *Chaerodryx* 4 spp. n.

Reitter, 2315; *Adana Tachys* sp. n., *Kirghisia Cymindis* sp. n.

Reitter, 2316; *Curculionidae* 4 spp. n., Slavonia *Otiorrhynchus*, Mantchuria *Chloeobius* & *Cyphicerus*, *Adana Sitona*.

Reitter, 2317; Italy *Mycetochara* sp. n., *Adana Tanypoctus* sp. n., Mantchuria *Malachinus* sp. n.

Reitter, 2329; 6 spp. n., *Zuphium*, *Merophysia*, *Globicornis*, *Trigonoscelis*, *Stenomax*, *Hemictenius*.

Reitter, 2331; 8 spp. n., *Agathidium*, *Holoparamecus*, *Merophysia*, *Epuraea*, *Meloe*, *Ananconia*, *Aphodius*.

Reitter, 2332; some localities.

Sahlberg, 2453; Mediterranean & Centr. Asia, 66 spp. n.

Wagner, 3011; *Apion* 2 spp. n.

Zaitzev, 3180; *Gyrinus* 2 spp. n., Persia & E. Siberia.

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Emery, 764; *Formicidae* revision, spp. n.

Kieffer, 1470; Revision of *Scelionidae*, many spp. n.

Kieffer, 1478; France *Cratopyris* sp. n., Algeria *Catoteleia* sp. n.

Kokujev, 1545; Südrussland *Ichneumon* 2 spp. n., Transcaucasus 1 sp. n.

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Dietze, 661; *Eupithecia* 8 spp. n.

Hampson, 1186; *Acronyctinae* general work, W. & Centr. Asia, 8 spp. n.

John, 1400; Mandshuria list.

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Sinegub, 2701; Russian Empire. (Russ.) Liv. 1. *Rhopalocera*, *Hesperiidae*, *Sphingidae*.

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Ulmer, 2962; 3 spp. n., Beirut *Adicella*, Caucasus *Drusus*, Turkestan *Halesus*.

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Weele, 3078; Syria *Helicomitus* sp. n., Egypt *Ascalaphidae* gen. n., Centr. Asia *Bubopsis* sp. n., Algeria *Puer* sp. n.

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Hendel, 1223; *Timia* 7 spp. n.

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Nassonov, 1974; Russian empire 3 spp. n.

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Reuter, 2361; Transcausia, Amuria, Mandschuria, Corea, *Capsidae* 12 spp. n.

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Daniel, 611; Alps & Bosnia *Liosoma* 3 spp. n.

Desbrochers, 648; France et Corse, *Brachyderidae*, *Apion* 3 spp. n.

Formánek, 879; *Scolytidae* gen. n.

Formánek, 881; 4 spp. n., *Argoptochus*, *Omius*, *Dorytomus*, *Ectmetaspidus* gen. n. aff. *Ptochi*.

Hubenthal, 1333; a few localities *Amara* & *Anthonomus*.

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Schilsky in Küster und Kraatz, 2516a; 8 spp. n., *Anaspis*, *Phyllobius*, *Peritelus* & *Bagous*.

Hymenoptera.

Kieffer, 1479; myrmecophilous *Proctotrypidae* 28 spp. n., genn. n.

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Chapman, 462; France & Spain *Stenoptilia* sp. n.

Spuler, 2766; Die Schmetterlinge Europas.

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Ulmer, 2965; Hungary & Montenegro, *Setodes* sp. n.

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Villeneuve, 2987; *Tachinidae* 5 spp. n., *Stratiomyidae* gen. n.

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Horváth, 1304; Les relations entre les faunes hémiptérologiques de l'Europe et de l'Amérique du Nord.

Orthoptera.

Azam, 70; *Acrotyles* d'Europe.

Burr, Ent. Rec. 20 p. 58 etc.; synopsis of Western Europe *Orthopt.* continued.

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Nielsen, 2014; The insecta-fauna of the Faeröes.

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Forsius, 883; Finland novelties.

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Poppius, 2208; des nordöstlichen europäischen Russlands, 3 spp. n., *Atheta* & *Stenus*.

Poppius, 2209; Halbinsel Kanin, 5 spp. n., *Agabus*, *Ochthebius*, *Atheta*, *Bledius*.

Poppius, 2210; *Tribolium confusum* in Finland (Schwedisch).

Poppius, 2211; Petschora *Philonthus* sp. n.

Poppius, 2212; Finländischen *Notiophilus*.

Poppius, 2213; Finland *Brachypterus glaber* & *Hylesinus fraxini*.

Poppius, 2215; Enare Lappland *Stenus* 2 spp. n.

Poppius, 2219; Lena-Thal 5 spp. n., *Ochthebius* & *Helophorus*.

Poppius, 2220; Siberia & Mongolia *Carabidae* 7 spp. n., *Ophonus*, *Harpalus*, *Bradycellus*, *Amara*, *Pterostichus*.

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Reuter, 2353; Finland rarities.

Sahlberg, 2451; Finland novelties, *Trichopterygidae* & *Elateridae*.

Wegelius, Medd. Soc. Fauna Fenn. 34 p. 111; *Nemadus colonoides* Finland.

Zaitzev, 3181; E. Siberia 2 spp. n., *Coelambus* & *Hydroporus*.

Žuravskij, 3193; Verbreitung von *Cereyonops caraganae* in der Tundra Bolshaja Zemlja (Russ.).

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Forsius, 884; Finland *Chalastogastra* novelties.

Konow, 1559; Siberia 2 spp. n. *Arge* & *Tenthredo*.

Nordström, Helsingfors, Medd. Soc. Fauna et Fl. Fenn. 34 p. 16; *Pemphredon rugifer* Dahlb. in Finland gefunden (Schwedisch).

Poppius, 2217; Halbinsel Kanin *Bombus*.

Wellenius, 3097; *Heterogyna*, Finland (Finnisch).

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Blöcker, 221; Irkutsk Heteroceren Bemerkungen (Russ.).

Fabritius, Helsingfors Medd. Soc. Fauna et Fl. Fenn. 34 p. 138; Finland *Cucullia lucifuga*, *Diloba coeruleocephala*.

Grönblom, 1131; Finland novelties.

Jurinsky, 1430; Irkutsk *Rhopalocera*.

Matsumura, 1806; Sachalin *Argynnis* sp. n.

Meinhard, 1826 & 1827; Tomsk, *Geometridae* (Russ.).

Nordström, Helsingfors Medd. Soc. Fauna et Fl. Fenn. 34 p. 138; *Oecophora tripuncta* Finland.

Poppius, 2207; Finland *Acidalia trigeminata* & *Botys aerealis*.

Stichel, 2800; Lule-Lappmark.

Wahlgren, 3016; Entomo-geography of the upper Klarälf valley (Swedish).

Wegelius, 3081; Finland, Oktober.

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Silfvenius, 2668; Tvärminne *Trichoptera*-fauna.

Silfvenius, Medd. Soc. Fauna Fenn. 32 p. 3; Finland *Oxyethira falcata* & *simplex* novelties.

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Siltala, 2674; nördlichen Fenno-Skandia, 2 spp. n., *Lepidostoma* & *Stactobia*.

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Reuter, 2356; Finland, novelties.

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Frey, 898; Finland neue Dipteren.

Frey, 899; Finland 2 spp. n., *Hilara* & *Meromyza*.

Frey, 900; *Tachydromia*-Arten Finlands. (Schwedisch).

Frey, 901; Finnland *Sepsis* sp. n.

Frey, Helsingfors, Medd. Soc. Fauna et Fl. Fenn. 34 p. 16; *Leptis tringaria*, Finland.

Frey, Helsingfors, Medd. Soc. Fauna et Fl. Fenn. 34 p. 33; *Doros conopseus* Finland.

Levander, 1655; *Anopheles claviger* (Schwedisch).

Lundström, 1720; Beiträge zur Kenntnis der Dipteren Finland *Mycetophilidae*, 13 spp. n.

Lundström, 1721; Finland 6 spp. n., *Tipula* & *Ctenophora*.

Lundström, 1722; Finland, *Cylindrotomidae* und *Limmobiidae*, 3 spp. n.

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Reuter, 2362; Amuria *Palomena* sp. n.

Reuter, 2340; Finland, 2 novelties.

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Reuter, Medd. Soc. Fauna Fl. Fenn. 34 pp. 124, 211; Pediculiden und Mallophagen der Rinder (Schwedisch).

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Klapálek, 1508; Insel Sachalin *Plecoptera* sp. n.

Odonata.

Kesäniemi, 1463; Kirchspiel Kor-pilaht; Finland (Finnisch).

Orthoptera.

Luther, Med. Soc. Eauna Fenn. 34 p. 123; *Platycleis grisea* f. *macroptera* Kolka, Süd-Finland (Schwedisch).

Miram, 1899; Siberia 5 spp. n., *Chrysochraon*, *Stenobothrus*, *Gomphocerus*.

Reuter, 2352; *Chrysochraon poppiusi* Finland (Schwedisch).

Reuter, 2357; *Leptophyes punctatissima* Finland (Schwedisch).

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Axelson, 69; Tvärminne Apterygota-fauna.

Linnaniemi, 1681; Apterygotenfauna Finlands.

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Calodera protensa novelty; **Champion, 454**.

Philonthus concinnus and *Oxyptoda perplexa* novelties; **Joy, 1421**.

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Pimplinae of Britain, 8 spp. n.; **Morley, 1939**.

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Dziędzielewicz i Klapélek, 740 ; Novae species in Karpathibus Orientalibus collectae (Polish).

Diptera.

Lundbeck, 1719 ; *Diptera danica*. Part 2, *Asilidae*, *Bombyliidae*, *Therevidae*, *Scenopinidae*.

Guillaume, 1170 ; Belgium additions to the Catalogue.

Kieffer, 1467 ; Belgium, 2 spp. n. *Chironomus* & *Psectrocladius*.

Meunier, 1880 ; Belgium, *Ogcodes zonatus*.

Meunier, 1884 ; Belgium list, novelties.

†**Meunier, 1871** ; Amber *Diptera* Catalogue, *Empidae* many spp. n.

†**Meunier, 1877** ; Amber *Asilid*.

†**Meunier, 1883** ; ambre de la Baltique, 7 spp. n., fam. n.

Enderlein, 775 ; *Oniscomyia dorni*, eine neue deutsche Ameisengast lebende flügellose Fliegengattung.

Kieffer, 1483 ; Germany, *Chironomidae* 28 spp. n., genn. n.

Kramer, 1570 ; Germany *Pseudosarcophaga* gen. n.

Kramer, 1568 ; *Sarcophaga* 3 spp. n.

Sack, 2448 ; Umgegend von Frankfurt a. M.

Speiser, 2757 ; Brocken *Norellia nervosa*.

Bergroth, 154 ; Steiermark *Tipula* sp. n.

Seitner, 2626 ; Krain *Cecidomyiidae* gen. n.

Becker, 132 ; Hungaria 2 spp. n., *Leucophenga* & *Madiza*.

Kieffer, 1481 ; Südrussland. *Cecidomyiidae* 2 spp. n.

Bezzi, 194 ; Italian Alps *Chionea* sp. n.

Aphaniptera.

Dampf, 605 & 606 ; Die ost- und westpreussische Flohfauna.

Hemiptera.

Jensen-Haarup, 1379 ; Denmark, *Aphelocheirus montandoni*.

Börner, 234 ; Germany *Dreyfusia* sp. n.

Dampf, 604 ; Ueber ostpreussische *Chermes*-Arten.

Lindinger, 1672 ; Berichtigung zu "Fränkischer Cocciden."

Szulczewski, 2860 ; Ianowitz im Kreise Znin.

Smreczyński, 2729 & 2730 ; Les hemiptères nouveaux de la faune de la Galicie (Polonais).

Oshanin, 2079 ; Verzeichnis der palaearctischen Hemipteren, Verbreitung im Russischen Reiche, Band 2, Homoptera.

Cholodkovsky, 484 ; Crimea gen. n.

Gadd, 987 ; Krim, *Cicaden* (Russ.)

Jakovlev, 1364 ; Krim Fundorte von Wanzen (Russ.).

Marchal, 1773 ; S. Russia *Phenacoccus* sp. n.

Nassonow, 1975 ; Volhynia gen. n.

Thysanoptera.

Zykoff, 3194 ; Thysanopterenfauna Centralrusslands.

Odonata.

Schwaighofer, 2606 & 2607 ; Die mitteleuropäischen Libellen.

Scholz, 3540 ; Ein Verzeichniss der schlesischen.

Speyer, Entomologist 41 pp. 116–121 & 168–172 ; Germany, Marburg, annotated list.

La Baume, 1612 ; Libellenfauna Westpreussens.

le Roi, 1646 ; Libellen-Fauna der Rheinprovinz.

Bartenev, 112 ; Gouv. Perm, Kreis Ekaterinburg, *Aeschnidae* 1 n. sp.

Orthoptera.

Torka, 2898 ; Geradflügler, nordöstlichen Posen.

Frey-Gessner, 902 ; Switzerland *Saga serrata*.

Maerky, 1752 ; Notes de chasse.

Dalla-Torre, 599 ; Polare Grenzen der Orthopteren in Tirol.

Karny, 1434 ; Orthopterologischen Excursion an den Neusiedler See.

Redtenbacher, 2294; Nieder-Oesterreichs, die Gliederung der Orthopteren-fauna.

Pylinov, 2264; Gouv. Wladimir.

Schugurow, 2569; Bessarabien list.

Thysanura & Collembola.

Lameere, Ann. Soc. ent. Belgique 52 p. 346; Namur *Japyx solifugus*.

Schille, 2511; Contribution à la faune des Aptères (Polonais).

(f) **France.**

Insecta, collectively.

Du Buysson, 708; Une promenade au Mont-Dore.

†**Meunier, 1872**; Un Odonatoptère du Rhétien (Lias inférieur) de Fort-Mouchard, près des Arçures (Jura).

†**Meunier, 1874**; Nouveaux Paléodictyoptères du stéphanien de Com-mency [et 2^e note].

†**Meunier, 1875**; Nouveaux Mégasé-coptéridés et nouveau Paléodictyoptère de Commeny.

†**Meunier, 1876**; Stéphanien de Com-mency 5 spp. n.

†**Meunier, 1879**; 2 gen. n. rhétien of France, *Odonata & Blattidae*.

†**Meunier, 1881**; Stéphanien Com-mency & houillier de l'Allier, 7 spp. n., genn. n.

†**Meunier, 1882**; houillier de Com-mency 4 spp. n.

Xamheu, 3170; Faune entomologique des Pyrénées orientales.

Coleoptera.

Bourgeois, 271; Catalogue des coléo-ptères de la chaîne des Vosges et des régions limitrophes.

Bruyant et Dufour, 348; *Staphylinidae*, faune halophile de l'Auvergne.

Caillol, 387; Catalogue des Coleo-ptères de Provence.

Desbrochers des Loges, 647; France et Corse, Attelabides et Rhinomacérides.

Desbrochers, 650; *Amaurorhinus* sp. n.

Dubois, 706; *Oxyptoda* gallo-rhénans.

Mayet, 1816; l'Hérault.

Normand, 2032; Ariège *Euconnus* sp. n.

Peyerimhoff, 2137; Basses Pyrénées *Speonomus* sp. n.

Pic, 2277; Coléoptères français rares ou nouveaux.

Pic, 2181; Captures intéressantes.

Reitter, 2325; Alpes maritimes *Troglophytes* sp. n.

Hymenoptera.

Gaule, 1013 & 1014; Catalogue systématique et biologique des Hyméno-ptères de France (suite).

Giard, 1035; *Apanteles* nouveau pour la faune.

Pic, 2168; Vosges *Platylabus* sp. n.

Pic, 2180; Alpes françaises 2 spp. n. *Ichneumon & Amblyteles*.

Lepidoptera.

Chapman, 464; *Acidalia squalidaria* novelty.

Chem, 466; Angers, *Rhodocera rhamni* 1877-1909.

Chrétien, 488; Microlépidoptères nouveaux pour la faune française 7 spp n. *Depressaria, Gelechia & Coleo-phora*.

Dupont, 722; Les Zygaenides de la Normandie.

Joannis, 1385; *Paralipsa gularis*.

Joannis, 1390; *Cnephasia* sp. n.

Joannis, 1394; *Microlep.* novelties, long list.

Joannis, 1395; Vannes *Scythris* sp. n.

Keynes & Keynes, 1464; Pyrenees, excursion, captures *Rhopalocera*.

Pionneau, 2199; Sur la diminution des Lépidoptères diurnes.

Pionneau, Échange 24 p. 10; Loire-Inférieure *Catephia alchemista*, etc.

Rowland-Brown, 2432; Basses-Alpes *Rhopalocera*.

Sheldon Entomologist 41 p. 294; Guéthary *Rhopalocera* short list.

Vuillet et Hugues, 3002; Sur la diminution des papillons diurnes.

Walsingham, 3026; *Phalonia* sp. n.

Neuroptera.

Lucas Entomologist 41 p. 202 ;
S. France short list.

Diptera.

Aubert & Guérin, 59 ; Marseille
Stegomyia.

Villeneuve, 2986 ; 3 spp. n., *Dioctria*,
Chortophila & *Acyglossa*.

Villeneuve, 2988 ; Contribution au
Catalogue, 3 spp. n.

Villeneuve, 2989 ; 21 novelties.

Hemiptera.

Horváth, 1308 ; *Metropis* sp. n.

Lambertie, 1616 ; Gironde, novelties.

Orthoptera.

Azan, 71 ; Hautes Alpes *Stenobothrus*
sp. n.

†Leriche, 1645 ; Houiller Pas-de-
Calais *Archimyia* sp. n.

†Meunier, 1873 ; Un nouveau Pro-
toblattiné du Stéphanien de Commen-
try.

Collembola.

Willem, 3144 ; Pas-de-Calais, gen. n.

(g) South Europe and Mediter-
ranean Basin.

Insecta, collectively.

(Zoocécidies nouvelles du Portugal
(Port.) ; Tavares, 2868.)

(Zoocécidies du Portugal (Port.) ;
Tavares, 2866.)

Gadeau de Kerville and others, 988 ;
Voyage en Tunisie 4 spp. n. *Allantus*,
Colletes, *Panurgus* & *Andrena*.

Coleoptera.

Arrow, 54 ; *Oniticellus* sp. n.

Reitter, 2311 ; Hispania, Graecia,
Creta, *Metophtalmus* 4 spp. n.

Escalera, 785 ; *Dorcadion* 8 spp. n.

Fuente, 975 ; *Histeridae* of Spain and
Portugal.

Reitter, 2324 ; Barcelona *Tenebrio*
syriacus.

Reitter, 2325 ; Spanish Pyrenees
Troglophyes sp. n.

Breit, 296 ; Mallorca & Barcelona 5
spp. n., *Scotodipnus*, *Hydroporus Cylin-*
dropsis, *Cryptophagus*, *Cyrtonus*.

Breit, 295 ; Corfu *Catops* sp. n.

Ganglbauer, 1001 ; Sardinia & Corfu
Raymondionymus 3 spp. n.

Krause, 1576 ; Carabi sardi ed i loro
parenti.

Holdhaus, 1282 Verzeichnis der
Pselaphiden und ; Scydmaeniden der
Jonischen Inseln, 8 spp. n.

Heyden, 1253 ; Isola di Capri.

Bickhardt, 199 ; Corsica.

Fleischer, 848 ; Corsica *Liodes* sp. n.

Sainte-Claire Deville, 2457 ; Cata-
logue critique des Coléoptères de la
Corse (suite).

Varendorff, 2971 ; Corsica faunistische
Notizen und Betrachtungen.

Bernhauer, 168 ; Sicily *Octavius* sp. n.

Bigliani, 204 ; Note del Piemonte.

Breit, 297 ; Sizilien *Ptinus leonhardi*
sp. n.

D'Amore Fracassi, 627 ; Italy *Calathus*
sp. n.

Dodero, 687 ; Tuscany & Corsica
Leptotyphlus 3 spp. n.

Dodero, 688 ; Italy *Euplectus* sp. n.

Eggers, 752 ; Italy *Hylastinus* sp. n.

Fauvel, 801 ; *Octavius* nouveau d'Italie.

Fiori, 839 ; Italy *Malthodes* sp. n.

Holdhaus, 1283 ; Koleopterengeo-
graphische Studien in Italien.

Holdhaus, 1284 ; Tuscany *Troglo-*
rhyndus sp. n.

Leoni, 1642 ; *Calathus* italiani.

Porta, 2227 ; Italy *Cephalocrius sy-*
riacus.

Porta, 2229 ; Note di Corologia.

Porta, 2230 ; Stafilinidi italiani
Aleochara revisione.

Raffray, 2278 ; Rome *Aphiliops* sp. n.

Silvestri, 2693 ; *Coccinellidae*, 11
spp. introdotti in Italia.

Vitale, 2990 ; Sicilia, nuovi o rari.

Montandon, 1928 ; Roumania, long
list.

Müller, 1960 ; Österreichischen Küs-
tenlande *Brychius* sp. n.

Müller, 1961; Dalmatia, *Trechus* (*Duvalius*) sp. n.

Müller, 1963; *Pterostichus fasciato-punctatus* in der Lindner-Grotte bei Trebič im Triester Karst.

Müller, 1964; Dalmatia *Euconnus* sp. n.

Müller, 1966; Dalmatia list.

Reitter, 2333; Herzegowina *Zonabris* n. sp.

Wanka, 3038; Reise in die Herzegowina.

Boehm, 228; Egypten *Coccinelliden*.

d'Orbigny, 642; Marocco, *Onthophagus* sp. n.

Escalera, 786; Marocco, *Onycholips*.

Petri, 2131; Ein neuer Algerien *Lixus* sp. n.

Peyerimhoff, 2136; Djurdjura 8 spp. n., *Trechopsis*, *Oreocys* gen. n. *Zabrus*, *Geostiba*, *Oxyopoda*, *Pselaphus*, *Timarcha*, *Brachyrrhinus*.

Pic, 2161; *Haplocnemus* 2 spp. n.

Pic, 2164; Algeria *Peritelus* sp. n.

Pic, 2169; Algeria, *Trachyphloeus* sp. n.

Reitter, 2330; Kairo, *Boromorphus* sp. n.

Bourgeois, 273; Adana *Cydistus* sp. n.

Bourgeois, 273a; Syria *Drilus* sp. n.

Daniel, 613; Asia Minor & Syria *Minyops* 2 spp. n.

Fleischer, 850; Taurus *Clytanthus* sp. n.

Luze, 1729; Jerusalem *Bryoporus* sp. n.

Pic, 2171; Asia Minor, *Cryptocephalus* sp. n.

Reineck, 2306; Asia Minor *Coptocephala* sp. n.

Reitter, 2318; Syria 8 spp. n., *Chlaenius*, *Medon*, *Trimium*, *Cephennium*, *Stenichnus*, *Nicobium*, *Heliotaurus*, *Heliomophlus*.

Reitter, 2319; Kleinasien *Entomogonus* sp. n.

Reitter, 2322; Kleinasien, *Omophlus* sp. n.

Reitter, 2327; Adana & Schiras, 4 spp. n., *Cydistus*, *Zurcheria* gen. n. *Tenebrion*., *Poecilomorpha*.

Trappen, 2911; Palestine list.

Hymenoptera.

Dusmet, 725; *Anthidium* of Spain.

Kieffer, 1478; Madrid *Evania* sp. n.

Cobelli, 500; Rovereto *Pezomachus* sp. n.

Kieffer, 1469; Italy *Aulaxyta* sp. n.

Kieffer, 1480; Brindisi 2 spp. n., *Loxotropa* & *Galesus*.

Masi, 1802; Italy *Chalcididae* 6 spp. n.

Lepri, 1644; Lazio *Tenthredinidae*.

Pierantoni, 2188; Napoli, *Aphidius* sp. n.

Silvestri & Masi, 2699; Italy *Dinar-mus* sp. n.

Cobelli, 498; *Blastophaga grossorum* in Trentino.

Graeffe, 1090; Braconiden oder Ichneumonenes adsciti des österreichischen Küstenlandes und südlichen Kraius.

Mayr & Kohl, 1818; Dalmatia list.

Du Buysson, 710; Sahara *Labus* sp. n.

Du Buysson, 711; Tunis *Chrysis* sp. n.

Handlirsch, 1188; Algier *Stizus* sp. n.

Kieffer, 1475; Tangier *Evania* sp. n., Cairo *Loxotropa* sp. n., Algeria *Cynipidae* gen. n.

Kieffer, 1478; Tangier 2 spp. n. *Evania* & *Pristaulacus*, Algeria *Gasteruption* sp. n.

Mayr, 1817; Ameisen aus Tripolis und Barka.

Santschi, 2469; Cairo & Tunis *Formicidae* list, 4 spp. n.

Saunders, 2480; Algeria, *Apidae*, long list, 46 spp. n.

Lepidoptera.

Walsingham, 3026; France, Spain & N. Africa, 6 spp. n., *Zenodochium*, *Perrittia*, *Phalonia*, *Phyllonorycter*, *Opostega*.

Mendes d'Azevedo, 1664; Portugal *Mendesia* gen. n. aff. *Momphae*.

Joannis, 1390; Spain & Portugal *Cnephasia* sp. n.

Rosa, 2404; Albarracin, short list.

Sheldon, 2645; Andalusia *Rhopalocera* excursion.

Sheldon, Entomologist 41 p. 301; Barcelona *Melitaea aurinia* etc.

Walsingham, 3027; Spain *Cosmopteryx* sp. n., Tangier *Acrocerops* sp. n., S. Europe *Eucelis* sp. n.

Goltz, 1081; Sammeltag an der Riviera.

Pionneau, 2200; Liste, Sicile et Sardaigne.

Rostagno, 2409; Campagna romana *Pieris ergane*, *Lycaena minimus*, *Arctia casta*, *Haemerosia renalis*.

Rostagno e Zapelloni, 2410; fauna romana.

Silvestri, 2685; n. gen. *Lyonetiidae*.

Schawerda, 2496; Bosniens und der Herzegowina, list, *Conchylis* sp. n.

Krone, 1589; Dalmatia *Micropteryx* sp. n.

Pax, 2103; Roumania long list.

Andres, 45; *Daphnis nerii* in Aegypten.

Chrétien, 490; Pyralide d'Algérie gen. n.

Chrétien, 491; Algeria *Gelechiidae* 2 spp. n., gen. n.

Chrétien, 492; Algeria *Gelechiides* 4 spp. n., 2 genn. n.

Chrétien, 494; Algeria *Anacamptis* 2 spp. n., gen. n. aff. *Soproniac*.

Chrétien, 495; 5 spp. n., *Elachista*, *Proactica* & gen. n. aff. *Stathmopodae*.

Chrétien, 496; Algeria *Lita* sp. n.

Blachier, 213; Marocco novelties.

Joannis, 1387; Sahara Liste.

Joannis, 1389; Algeria *Dioryctria* sp. n.

Joannis, 1391; Algeria *Zygaena* sp. n.

Le Cerf, 1635; Algeria *Saturnia pyri*.

Lucas, 1698; Tunisie 3 spp. n., *Epischnia*, *Pionea* & *Hedemannia*.

Lucas, 1699; Tunisie *Polia* sp. n.

Mabille, 1734; Tunisie 3 spp. n., *Actenia*, *Heterographis* & *Rhodophaea*.

Oberthür, 2040; Algeria *Somabrachys* 2 spp. n.

Rebel, 2290; Tripolis und Barka, 3 spp. n., *Ancylolomia*, *Tineola* & gen. n. aff. *Penestoglossae*.

Rebel, 2288; Pontus, list, *Harpella* sp. n.

Trichoptera.

Navás, 1982; Spain *Leptocerus* sp. n.

Kempny, 1452; Asia Minor *Drusus* sp. n.

Neuroptera.

(Néuroptères d'Espagne et Portugal (Espagnol); **Navás, 1980**).

(Néuroptères prosostomiens de la Péninsule ibérique (Espagnol); **Navás, 1979**).

Van der Weele, 3077a; Planipennes sud algérien et Lac Tchad.

(**Bischof, 209**; Neuropteren aus Kleinasien).

Navás, 1977; Spain *Chrysopa* sp. n.

Diptera.

Hendel, 1224; Corfu & Jerusalem, *Dorycera* sp. n., *Perenomatia* sp. n.

Schouteden, 2544; Portugal *Aphis* sp. n.

Silvestri, 2679; Corfu *Margarodes* sp. n.

Grassi, 1095; Roma *Phlebotomus* sp. n.

Silvestri, 2690; Italy *Asphondylia* sp. n.

Tuccimei, 2928; Ditteri della provincia di Roma, Parte ii.

Bezzi, 195; Algeria *Aphoebantus* sp. n.

Kieffer, 1472; Egypt *Leptoconops* sp. n.

Kieffer, 1474; Asia Minor *Mikiola* sp. n.

(**Bischof, 209**; Kleinasien.)

Aphaniptera.

Rothschild, 2417; Roumania *Ctenophthalmus* sp. n.

Hemiptera.

Bergevin, 149; Algeria *Ancyrosoma* sp. n.

Horváth, 1307; Portugal *Schizoneura* sp. n.

Silvestri, 2679; Italy *Margarodes* sp. n.

Thysanoptera.

Marchal, 1774; Algeria *Phloeothrips* sp. n.

Buffa, 354; Italy 2 genn. n.

Karny, 1439; Dalmatia 3 spp. n., gen. n.

Perlidae.

Kempny, 1452; Asia Minor 2 spp. n. *Perla* & *Chloroperla*.

Odonata.

Bentivoglio, 141; Mantovano.

Bentivoglio, 142; Reggio-Emilia Libellulidi.

Bentivoglio, 144; Libellulidi italiani, distribuzione topografia.

Kempny, 1452; Asia Minor, list, novelties.

Morton, Ent. Mag. 44 p. 37; Bosnia short list.

Orthoptera.

Bolivár, 240; Spain & Marocco 13 spp. n.

Navás, 1976; Spanish Pyrenees 2 spp. n., *Arcyptera* & *Barbitistes*.

Ebner, 742; Bosniens und der Herzegowina, 2 spp. n., *Isophya* & *Pholidoptera*.

Karny, 1439; Dalmatia *Orthoptera* und *Blattaeformia*.

Bolivár, 239; Marocco *Hololampra* 2 spp. n.

Bolivár, 244; Tunisie list *Ectobia* sp. n.

Werner, 3106 & 3107; Tunis & Tripoli, 10 spp. n.

Thysanura & *Collembola*.

Berlese, 160; Firenze *Acerentomidi* 4 spp. n., gen. n.

Berlese, 161; Trentino Italy *Acerentomon* & gen. n., 3 spp. n.

Silvestri, 2677; N. Africa *Jupyx* sp. n.

Silvestri, 2686; *Lepisma* 3 spp. n.

Silvestri, 2688; Corfu 3 spp. n., *Lepidospora*, *Praemachilis* & *Japyx*.

Silvestri, 2689; Italian *Thysanura*, *Japyx* sp. n.

(h) Caucasus, West & Centr. Asia.

Insecta, collectively.

Meissner, 1857; Syr-darja & Aral See *Chironomidae* & *Myrmecidae* (Russ.).

Coleoptera.

East Tibet *vide* Asia.

Bodungen, 227; Transcaucasus *Hesperophanes* sp. n.

Grouvelle, 1151; Persia 2 spp. n. *Ditoma* & *Heterocerus*.

Jacobson, 1357; Transcaspian *Galerucini* gen. n.

Jakovlev, 1369; Turkestan & Transkaspien *Sphenoptera* 3 spp. n.

Marshall, 1788; Yemen *Malosomus* sp. n.

Petri, 2130; Persia *Isomerus* sp. n.

Reitter, 2310; *Pogonus* 2 spp. n.

Reitter, 2328; Am Salzsee Indersk Kirgisensteppe, *Zonabris pallasi*, *Dera-canthus spiniffex*, *Isomerus granosus*, *Netuschilia hauseri*, *Odontocnemus fischeri*.

Semenov-Tian-Shansky, 2634; Centr. Asia 10 spp. n.; *Carabus*, *Taphoxenus* & *Pterocomma*.

Sumakow, 2825; Turkestan *Corigetus* sp. n.

Sumakov, 2827; Turkestan & Caucasus *Steropes* sp. n.

Fuchs, 972; Karawanken *Hylesinus* sp. n.

Wagner, 3008; Persia *Apion* sp. n.

Hymenoptera.

Kieffer, 1476; *Rhodites* sp. n.

Ruzskij, 2445; Semiretschje-Gebiet, *Formicidae* (Russ.).

Schreiner, 2558; Astrachan *Eurytoma* sp. n.

Turner, 2945; Tibet, W. Persia, *Tiphia* sp. n.

Lepidoptera.

Austaut, 66; Tian-shan *Oeneis* sp. n.

Buckle, 351; Aden, short list.

Djakonov, 672; Semiretschje-Gebiet, *Xanthorrhoe* sp. n.

Djakonov, 673; Semiretschje, Semipalatinsk. *Geometridae* list.

Grose-Smith, 1132; Turkestan *Par-nassius* nov.

Hampson, 1182; Aden *Sylepta* sp. n.

Kusnezov, 1609; Northern shores of the Aral-Sea 3 spp. n. *Onychestra*, *Salebria*, gen. n. aff. *Dariae*.

Meinhard, 1825; Semiretschje-Gebiet. (Russ.)

Diptera.

Austen, 67; Aden *Haematopota* sp. n.

Brunetti, 336; Persia *Paragus* sp. n.

Hemiptera.

Jakovlev, 1366; Buchara *Centrocoris* sp. n.

Jakovlev, 1367; Caucasus *Odontotarsus* sp. n.

Marlatt, 1787; Transcaspian *Aspidiotus* sp. n.

Oshanin, 2078; Turkestan & Transcaspian 4 spp. n., *Adelungia*, *Dorysarthrus*, *Limois*, *Poophilus*.

Africa.

For North Africa *vide* Palaearctic (g.).

Insecta, collectively.

Brohmer, 314; Entomologisches aus Deutsch-Ostafrika.

Du Buysson, 710; Lac Tchad.

Du Buysson, 712; Afrique centrale Orthoptères et Hyménoptères, en Afrique d'Édouard Foà.

Graham, 1091; W. Africa, 3 spp. n., *Cryphalus*, *Ceratitidis* & *Capsidae*.

Tavares, 2870; Cecidologie du Zambeze, *Cecidomyiidae* 9 spp. n., genn. n., *Aphis* sp. n.

Coleoptera.

Abelle de Perrin, 7; Obock *Buprestidae* spp. n.

Alluaud, 35; Coléoptères de la faune alpine du Kilimandjaro avec notes sur la faune du mont Meru *Carabidae* 5 spp. n.

Arrow, 53; W. Africa gen. n. *Cyclocephalinae*, *Lonchotus* spp. n., *Pycnoschema* spp. n.

Arrow, 56; S. Africa, Ruteliden und Melolonthiden.

Aurivillius, 62; Trop. Africa *Longicornia* 8 spp. n.

Aurivillius, 63; Trop. Africa *Cerambycidae* gen. n. & 2 spp. n.

Aurivillius, 64; S. Africa *Cerambycidae* 5 spp. n., genn. n.

Aurivillius, 65; Kilimandjaro-Meru *Cerambycidae* 23 spp. n.

Bedel, 137; S. Africa *Graniger* sp. n.

Borchmann, 246; Africa or. *Lagria* 3 spp. n.

Bourgeois, 269; *Lycides* 10 spp. n. & varr. n. Afrique orientale.

Bourgeois, 272; S. W. Africa *Lycus* sp. n.

Bourgeois, 274; Kilimandjaro-Meru *Malacodermata* 30 spp. n.

Bourgeois, 276; Afrique orientale *Demosia* sp. n.

Casey, 436; Liberia *Ogmocerus* sp. n.

Distant, 663; Cape Colony *Megacolus* sp. n.

Eichelbaum, 754; Kilimandjaro-Meru *Staphylinidae* 4 spp. n.

Fauvel, 798; Afrique orientale *Staphylinides* 104 spp. n.

Felsche, 810; *Copris* sp. n.

Felsche, 811; Kilimandjaro and Meru *Ateuchini* und *Coprini* list, 1 sp. n.

Fleutiaux, 855; S. Africa *Elateriden*.

Gahan, 989; Centr. Africa *Cleridae* gen. n.

Gestro, 1032; Africa or. 2 spp. n., *Leptispa* & *Dactylispa*.

Gillet, 1042; Africa or. *Helicopris* sp. n.

Gillet, 1043; Trop. Africa, 6 spp. n. *Copris* & *Sceliages*.

Gillet & d'Orbigny, 1044; Trop. Africa 7 spp. n., *Copris* & *Onthophagus*.

Grouvelle, 1140; Abyssinia, *Meligethes* 3 spp. n.

Grouvelle, 1142; Africa or. 14 spp. n. *Meligethes*, *Cryptarcha*, *Diplocoelus*, *Micrambe*, *Mycetophagus*, *Atritonus* & *Dryops*.

Grouvelle, 1143; S. Africa *Nitidulidae*, *Lathridiidae*, *Cryptophagidae*, und *Parnidae*, *Cryptophagus* sp. n.

Grouvelle, 1148; W. Africa *Amphicrosus* sp. n.

- Hagedorn, 1176** ; Scolytidae 7 spp. n., gen. n.
- Horn, 1299** ; S. Africa Cicindelidae.
- Horn, 1300** ; Angola *Cosmema* 2 spp. n.
- Jacoby, 1360** ; Africa or. *Chrysomelidae* 17 spp. n.
- Kerremans, 1453** ; Benguella *Psiloptera* 3 spp. n.
- Kerremans, 1454** ; S. Africa *Sphenoptera* sp. n.
- Kerremans, 1456** ; Kilimandjaro and Meru, *Euprestidae* list, 15 spp. n.
- Kerremans, 1457** ; 5 spp. n. *Steraspis* & *Agelia*.
- Kolbe, 1546** ; *Dynastidae*, *Cetoniidae* und *Scarabaeidae*, 15 spp. n.
- Kuhnt, 1600** ; 2 spp. n. *Megalodacne*.
- Lesne, 1647** ; Afrique centrale.
- Lesne, 1649** ; Africa or. *Lyctus* sp. n.
- Lesne, 1650** ; S. Africa *Bostrychidae*, *Nylomedes* sp. n.
- Lesne, 1653** ; Lac Tchad.
- Lesne, 1654** ; Kilimandjaro and Meru, *Bostrychidae* list, 1 sp. n.
- Lewis, 1660** ; *Histeridae* 10 spp. n.
- Lewis, 1661** ; Kilimandjaro and Meru, *Histeridae* list, 3 spp. n.
- Marshall, 1788** ; *Tanyrrhynchinae*, S. Africa 9 spp. n., Abyssinia & White Nile 2 spp. n.
- Moser, 1950** ; Trop. Africa *Cetoniidae* 6 spp. n., *Eccoctocnemis*, *Pachnoda*, *Atrichelaphinis*, *Leucocelis*.
- Moser, 1951** ; Trop. Africa *Cetoniidae* 3 spp. n., *Pachnoda*, *Porphyronota*.
- Moser, 1953** ; Trop. Africa *Cetoniidae* 4 spp. n., *Tephraea* & *Goniocilus*.
- Obst, 2048** ; S. Africa *Carabidae* 5 spp. n., *Crepidogaster*, *Graphipterus*, *Anthia*, *Harpalus*.
- Ohaus, 2054** ; Trop. Africa *Rutelidae* 4 spp. n., *Anomala*, *Popillia* & *Xenoproctis*.
- Ohaus, 2057** ; Congo *Mimela* sp. n.
- Olivier, 2063** ; *Luciola* sp. n.
- Olivier, 2065** ; Congo *Diaphanes* sp. n.
- d'Orbigny, 642** ; Africa trop. & mer. *Onthophagus* many spp. n.
- d'Orbigny, 2073** ; Kilimandjaro and Meru, *Onthophagidae* list, 4 spp. nn.
- Raffray, 2276** ; Congo *Pselaphidae* 15 spp. n.
- Raffray, 2277** ; Cameroons *Batrisocenus* sp. n.
- Olivier, 2069** ; Cameroons *Luciola* sp. n.
- Peringuey, 2120** ; *Dromica*, *Casnonia*, *Lebia*, *Polyaulacus*, *Polyhirma*, *Coscinia*, *Anisodactylus*, *Hypolithus*, *Cratognathus*, *Osmotropus*, *Dioryche*, *Stenolophus*, *Acupalpus*, *Tefflus*, *Trichesia*, *Chlaenius*, *Oodes*, *Systolocranius*, *Melanodes*, *Anaulachus*, *Bascanus*, *Metaxys*, *Trechus*, *Tachys*, *Staphylinus*, *Oedichirus*, *Mastigus*, *Thorictus*, *Coraebus*, *Melibaeus*, *Amorphosoma*, *Paradora*, *Demostis*, *Phlocteis*, *Anadora*, *Kerremansia*, *Agrilus*, *Kamosia*, *Aphanisticus*, *Ichthyurus*, *Brachycerus*, *Strophosomus*, *Cimbus*, *Caloeus*, *Somatodes*, *Costaterophasis*, *Cotasteridus*, *Antliarrhinus*, *Pentarthrophasis*, *Pentarthrum*, *Mesitomorphus*, *Clytanthus*, *Tlepolemus*, *Blepisanis*, *Poecilomorphia*, *Lachnaea*, *Leptispa*, *Callispa*, *Distolaca*, *Dactylispa*, *Dicladispa*, *Dorcatispa*, *Pseudispella*, spp. n., *Kerremansia*, *Caloeus*, *Costaterophasis*, *Cotasteridus*, *Pentarthrophasis*, *Mesitomorphus*, genn. n.
- Peringuey, 2121** ; *Nigidius*, *Scarabaeus*, *Sisyphus*, *Onthophagus*, *Aphodius*, *Macroretrus*, *Trox*, *Athyreus*, *Bolboecras*, *Phaeocroides*, *Araeotanypus*, *Chaetocanthus*, *Orphnus*, *Heteronychus*, *Adoretus*, *Anomala*, *Popillia*, *Phaenomeris*, *Anisonyx*, *Hoploenemis*, *Heterochelus*, *Dicranocnemus* *Monochelus*, *Ablabera*, *Tulbaghia*, *Makalaka*, *Ramontsa*, *Damura*, *Schizonycha*, *Stripsipher*, spp. n., *Macroretrus*, *Phaeocroides*, *Makalaka*, *Ramontsa*, genn. nn. : *Caccobius* 1 ; *Onthophagus* 16 ; *Proagoderus* 1 ; *Phalops* 2 spp. n., d'Orbigny, in Peringuey, 2121.
- Péringuey, 2122** ; S. Africa *Tenebrionidae* und *Cureulionidae*, 36 spp. n.
- Pic, 2149** ; Trop. Africa *Zygia* sp. n. *Hapalochrous* sp. n.
- Pic, 2150** ; Africa or. *Melanophthalma* sp. n.
- Pic, 2152** ; W. African *Gibbium* sp. n.
- Pic, 2154** ; S. Africa 3 spp. n., *Ptinus*, *Pseudomezium* & *Actenodia*.
- Pic, 2155** ; Descriptions de Coléoptères d'Asie et d'Afrique.

- Pic, 2158**; Trop. Africa *Cantharidae* 4 spp. n.
- Pic, 2160**; Africa or. 3 spp. n., *Cistela*, *Eurygcnus* & *Zonabris*.
- Pic, 2165**; Africa trop. *Cistela* 2 spp. n.
- Pic, 2173**; Afrique orientale allemande et anglaise, 9 spp. n., *Malacodermidae*, *Lissodema*, *Anthicidae*.
- Pic, 2179**; Erythraea *Laria* sp. n., Natal *Biophida* sp. n.
- Régimbart, 2296**; Kilimandjaro and Meru, *Dytiscidae*, *Gyrinidae*, *Hydrophilidae* list, *Dytiscidae* spp. n.
- Reitter, 2320**; Deutsch-Ostafrika *Scaaphidiidae* 11 spp. n., 2 genn. n.
- Reitter, 2323**; Deutsch-Ostafrika *Corylophidae*, 11 spp. n.
- Reitter, 2326**; Deutsch-Ostafrika *Cioidae*, 9 spp. n.
- Schenkling, 2501**; 2 spp. n. *Encymatodera* & *Stratocera*.
- Schenkling, 2503**; Natal *Orthopleuroides* sp. n.
- Schenkling, 2505**; Kilimandjaro-Meru, *Cleridae*, *Erotylidae*, *Endomychidae*.
- Schilsky, 2516**; S. Africa *Mordellistena* sp. n.
- Schmidt, 2520**; Kongo *Aphodiini* 6 spp. n., *Aphodius*, *Didactylia* & *Saprosites*.
- Schmidt, 2524**; Kilimandjaro and Meru *Aphodiini* list, 2 spp. n.
- Schmidt, 2525**; Trop. & S. Africa *Aphodius* 6 spp. n.
- Schmidt, 2526**; *Lorditomaenus* 7 spp. n.
- Schwarz, 2610**; Kilimandjaro-Meru, *Elateridae*, 13 spp. n.
- Schwarz, 2611**; *Elateridae* 11 spp. n., *Alaus*, *Olophoeus* & *Psephus*.
- Sternberg, 2789**; *Anthia* & *Polyhirma*, 5 spp. n.
- Sternberg, 2790**; Africa or. *Polyhirma*, 2 spp. n.
- Sternberg, 2792**; Gallaland & Abyssinia 19 spp. n. *Chlaenius*, *Polyhirma* & *Tefflus*.
- Sternberg, 2793**; Trop. Afric. *Tefflus* 4 spp. n.
- Thery, 2879**; *Buprestidae* *Steraspis* 2 spp. n.
- Wagner, 3007**; S. & Trop. Africa, *Apion* 46 spp. n.
- Wagner, 3010**; Kilimandjaro-Meru *Apioninae* 8 spp. n.
- Wagner, 3014**; Trop. & S. Africa *Apion* 21 spp. n.
- Wasmann, 3058**; Abyssinia *Myrmedoniense* gen. n.
- Wasmann, 3062**; Togo *Panssus* sp. n.
- Wasmann, 3063**; S. Africa, *Aleocharini* gen. n.
- Weise, 3085**; S. Africa 8 spp. n.
- Weise, 3088**; Angola 4 spp. n., *Melitonoma*, *Euryope*, *Lefevrea* & *Hoplionota*.
- Hymenoptera.*
- André, 40**; Erythrea 2 spp. n., *Mutilla* & *Barymutilla*.
- André, 44**; Trop. & S. Africa *Mutillidae*.
- Cameron, 397a**; Port Sudan *Iphiaulax* sp. n.
- Cockerell, 506**; W. Africa *Apidae* 6 spp. n., *Dufourea*, *Heriades*, *Coelioxys*, *Thrinchostoma*.
- Cockerell, 512**; Trop. Africa, *Nomia* 3 spp. n.
- Cockerell, 523**; West Africa 3 spp. n., *Mesotrichia*, *Ceratina* & *Halictus*.
- Cockerell, 525**; W. Africa *Apidae* 3 spp. n., *Thrinchostoma*, *Nomia* & *Mesotrichia*.
- Cockerell, 526**; W. Africa *Apidae* 3 spp. n., *Anthophora* & *Halictus*.
- Cockerell, 527**; W. Africa *Megachile* sp. n.
- De Stefani Perez, 645**; Somaliland *Isosoma* sp. n.
- Du Buysson, 709**; W. Africa 2 spp. n., *Polistes* & *Belonogaster*.
- Emery, 762**; Congo *Formicidae* 4 spp. n., *Dicroaspis*, *Tetramorium*, *Tapinoma*, *Camponotus*.
- Forel, 872**; E. Africa *Formicidae*, 7 spp. n.
- Friese, 906**; East Africa, *Apidae* 9 spp. n., gen. n.
- Kieffer, 1478**; Dahomey *Pristocera* sp. n.
- Konow, 1561**; Trop. & S. Africa *Athalia* 5 spp. n.

Magretti, 1573; Afrique orientale 4 spp. n., *Philanthus*, *Oxybelus* & *Palarus*.

Magretti, 1754; Senegal *Mutilla* sp. n.

Mocsáry, 1910; Africa mer. *Chrysidae* 22 spp. n.

Mocsáry, 1912; Ostafrika *Chrysidae*.

Schmiedeknecht, 2535; *Mansa* sp. n.

Sjöstedt, 2704; Ostafrikas Steppen, Akaziengallen und Ameisen.

Szépligeti, 2856; Deutsch-Ost-Afrika gen. n. aff. *Dichelosi*, *Cardiocheiles* sp. n.

Szépligeti, 2858; Kilimandjaro and Meru, *Braconidae* list, 1 gen. n., 28 spp. nn., *Ichneumonidae* list, 6 gen. nn., 105 spp. nn.

Turner, 2944; Trop. & S. Africa 6 spp. n., *Myzine* & *Plesia*.

Turner, 2945; S. Africa *Tiphia* 3 spp. n.

Turner, 2946; Natal *Anthobosca* sp. n.

Lepidoptera.

Bastelberger, 114; Usambara *Meso-coela* sp. n.

Bastelberger, 121; Usambara *Conolophia* sp. n.

Bastelberger, 122; 2 spp. n., *Tephрина* & *Psilocera*.

Bethune-Baker, 175; Rhodesia, Natal, Nigeria, *Bombyces* 18 spp. n., *Eupterotidae* gen. n., *Dinara*, *Osica*, *Thosea*, *Parasa*, *Taragama*, *Metanastria*, *Philotherma*, *Gonometa*, *Lymantriidae* gen. n., *Laelia*, *Arctiidae* gen. n., *Cretonotus*, *Azygophleps*, *Arbelidae* gen. n.

Bethune-Baker, 176; Upper Congo *Rhopalocera*, 24 spp. n., *Mycalesis* *Henotesia*, *Acraea*, *Planema*, *Euphaedra*, *Euryphene*, *Diestogyna*, *Charaxes*, *Celaenorrhinus*, *Osmodes*, *Parnara*, *Pandal-eodes*, *Ceratrachia*, *Andronymus*.

Bethune-Baker, 177; Congo *Acraea* sp. n., *Lycaenidae* 9 spp. n.

Buckle, 351; Transvaal, short list.

Druce, 705; Cameroons *Charaxes* sp. n.

Hampson, 1182; E. Africa *Glyphodes* sp. n. *Sylepta* sp. n.; S. Africa *Catocalinae* gen. n., *Eublemma* sp. n., *Archernis* sp. n.

Hampson, 1186; *Acronyctinae* general work, 18 spp. n.

Meyrick, 1895; Tropical and S. Africa *Microlepidoptera* 108 spp. n., 12 gen. n.

Poujade, 2241; Afrique centrale.

Rebel, 2289; Zanzibar *Axiocerses harpax styx* subsp. n., *Pentila parapetreia* sp. n.

(*Auchmophila kordodensis* sp. n.; Verzeichnis der von Dr. Fr. Werner im Sudan gesammelten Schmetterlinge, Rebel, 2286.)

Rothschild, 2419; Kivu *Papilio* sp. n.

Rothschild & Jordan, 2424; Trop. Africa, *Sphingidae* 4 spp. n.

Schultze, 2591; Trop. Africa 3 spp. n. *Cymothoë*, *Spindasis* & *Zeritis*.

Warren, 3050; Trop. & S. Africa, *Thyrididae* 7 spp. n.

Weymer, 3116 & 3117; Benguella 3 spp. n., *Semioptila*, *Taeda* & *Chalciope*.

Wichgraf, 3134; Trop. & S. Africa 3 spp. n., *Phialla*, *Pacasa* & *Xanthospilopteryx*.

Trichoptera.

Ulmer, 2962; W. Africa 4 spp. n., *Hydropsyche*, *Chimarra*, *Wormaldia* & *Trienodes*.

Ulmer, 2963; Kilimandjaro - Meru *Trichoptera* 6 spp. n.

Neuroptera.

Navás, 1977; Trop. & S. Africa 3 spp. n., *Nothochrysa*, *Panorpatae* gen. n., *Acanthaclisis*.

Weele, 3078; *Ascalaphidae* 25 spp. n., gen. n.

Diptera.

Austen, 67; *Tabanidae*, *Tabanus* sp. n., *Haematopota* 37 spp. n.

Bezzi, 189; Trop. Africa 50 spp. n., *Statiomyidae*, *Tabanidae*, *Bombyliidae*, *Asilidae* *Empidae*, *Dolichopidae*, *Syrphidae*, *Muscidae* *calyptr.*, *Borboridae*, *Celyphidae*, *Ortalidae*, *Trypetidae*, *Diopsidae*, *Ephydriidae*, *Drosophilidae*.

Bezzi, 190; Erythrea, 50 spp. n., Catalogue of African *Tachinidae* & other families.

Bezzi, 192; S. Africa 28 spp. n.

Enderlein, 769; S. Africa *Ceratopogoninae* 3 spp. n.

Hendel, 1221; S. Africa spp. n., *Dias-teneura* & *Hypotyphla*.

Hermann, 1234; S. Africa *Asilidae* genn. n., 4 spp. n.

Hubert, 1235; Dahomey distribution géographique des mouches tsé-tsé au.

Kieffer, 1466; S. Africa, *Chironomidae* 9 spp. n., *Chironomus* & gen. n.

Lichtwardt, 1664; Angola *Rhyncho-myia* sp. n.

Lichtwardt, 1665; S. Africa *Dolichopidae*.

Martin et Surcouf, 1796; Afrique centrale. Resultats scientifiques des voyages en Afrique d'Edouard Foa.

Meunier, 1885; Zanzibar copal 3 spp. n. *Pyrellia*, *Ceroxys* *Helomyzinae*.

Poppius, 2222; Centr. Africa *Derma-toestrus* sp. n.

Ricardo, 2370; Trop. Africa *Tabani-dae* 3 spp. n. *Pangonia* & *Corizoneura*.

Ricardo, 2371; *Tabanus* 29 spp. n.

Rübsaamen, 2440; S. Africa 2 spp. n., *Sciara* & *Asphondylia*.

Sack, 2447; O.-Afrika *Dacus* sp. n.

Shelford, 2649; Centr. Africa *Phori-dae* gen. n.

Sjöstedt, 2703; Kilimandjaro - Meru, *Oestridæ* list, 1 sp. n. (Imago), neue Larven, *Oestrus ovis*.

Speiser, 2754; Deutschlands afrikanischen Kolonien, 14 spp. n.; *Ceroplatus*, *Toxorhina*, *Styringomyia*, *Idiophlebia*, *Dieranoptycha*, *Mongoma*, *Limnophila*, *Pachyrhina*, *Ptecticus*, *Hoplodonta*, *Diplephippium* gen. n., *Exoprosopa*, *Hemerodromia*, *Phora*, *Aphiochaeta*.

Speiser, 2762; S. Africa *Hippo-boscidae*, gen. n.

Stein, 2779; S. Africa *Anthomyiidae* 2 spp. n., *Lispa* & *Fucellia*.

Surcouf, 2831; *Tabanus* sp. n.

Surcouf, 2832; *Haematopota* 7 spp. n.

Surcouf, 2833; *Haematopota* sp. n. Abyssinie.

Surcouf, 2836; *Pangonia* 2 spp. n.

Surcouf, 2837; Lac Tchad, *Tabanus* sp. n.

Surcouf, et Picard, 2838; *Stomoxys* en Abyssinie.

Surcouf et Roubaud, 2839; Tabanides Congo français.

Theobald, 2876; Transvaal, *Culicidae* 2 spp. n.

Wellman, 3101; intérieur de l'Afrique occidentale portugaise, liste.

Aphaniptera.

Jordan & Rothschild, 1419; *Loemop-sylla* 4 spp. n.

Rothschild, 2413; Kilimandjaro-Meru, 3 spp. n.

Rothschild, 2414; Uganda 4 spp. n.

Rothschild, 2417; Angola *Pygiopsylla* sp. n.

Hemiptera, collectively.

Distant, 665; Ruwenzori 11 spp. n., *Caura*, *Carbula*, gen. n., *Aspongopus*, *Holopterna*, *Mygdonia*, *Acanthomia*, *Ptyelus*, *Lepyronia*.

Martin, 1795; Afrique centrale.

Heteroptera.

Bergroth, 156; Süd - Abyssinien; *Pentatomidae* 1 sp. n., *Coreidae* 1 sp. n., *Tingidae* 1 sp. n., *Reduviidae* 2 spp. n.

Breddin, 291; S. Africa 2 spp. n., *Edocla* & *Steganocerus*.

Breddin, 292; *Erythraea* *Nezara* 2 spp. n.

Courteaux, 579; *Elasmopoda* sp. n.

Distant, 667; Congo *Ammianus* sp. n.

Kirkaldy, 1503; Kilimandjaro-Meru, *Gerridae* gen. n., *Corixidae*, *Corixa* sp. n., *Notonectidae*.

Montandon, 1926; Kilimandjaro-Meru: *Geocorinae*, *Belostomidae*, *Nepidae*, *Mononychidae* et *Naucoridae*, *Geocoris* 2 spp. n.

Montandon, 1927; S. Africa *Holop-tilus* sp. n.

Montandon, 1929; E. Africa *Stenoph-thalmicus* sp. n.

Reuter, 2359; *Capsidae* 13 spp. n.

Reuter, 2363; Abyssinia *Lisarda* sp. n.

Schouteden, 2545; Congo *Pentatomi-dae* 13 spp. n.

Homoptera.

Distant, 664; *Cercopidae* 20 spp. n.

Distant, 670; South Africa, *Fulgoridae* 3 spp. n., *Membracidae* 6 spp. n., *Cercopidae* 5 spp. n.

Melichar, 1862; aus Deutsch-Ostafrika, *Idiocerus* sp. n.

Schmidt, 2527; Trop. Africa *Eurybrachini* 2 spp. n., gen. n.

Coccidae.

Marlatt, 1780; S. Africa *Pseudaonidia* sp. n.

Marlatt, 1787; S. Africa *Aspidiotus* 2 spp. n.

Newstead, 2003; W. Africa, gen. n. & *Ceroplastes* sp. n.

Newstead, 2004; Kilimandjaro-Meru *Coccidae* 6 spp. n.

Newstead, 2008; 2 spp. n. *Palaeococcus* & *Pulvinaria*.

Thysanoptera.

Trybom, 2926; Kilimandjaro-Meru 5 spp. n.

Psocidae.

Enderlein, 768; S. Africa gen. n.

Enderlein, 777; Pemba *Lophopterygella* sp. n.

Mallophaga.

Kellogg, 1448; Kilimandjaro - Meru, *Mallophaga* list, 13 spp. n.

Embiidae.

Enderlein, 767; S. Africa, *Olyntha* sp. n.

Silvestri, 2694; Meru, *Embiidae* 1 sp. n.

Termitidae.

Silvestri, 2682; S. Africa 7 spp. n.

Odonata.

Martin, 1797; *Macromia* 2 spp. n. & *Phyllomacromia* 2 spp. n.

Martin, 1799; W. Africa, 8 spp. n., gen. n.

Ris, 2379; S. Africa *Enallagma* sp. n. und Katalog der Odonaten von Südafrika.

Orthoptera.

Bolivár, 237; Trop. Africa, *Acridiidae* 38 spp. n.

Bolivár, 241; Senegal gen. n. aff. *Acridae*.

Bolivár, 242; W. Africa *Mantidae* 4 spp. n.

Bolivár, 243; *Acridiidae* 7 spp. n.

Burr, 369; E. Africa gen. n. *Pygidi-eraninae*.

Brunner & Redtenbacher, 339; *Phasmidae* general work, spp. n.

Burr, 370; Deutsch-Ost-Afrika, 4 spp. n. *Diplatys*, *Psalis*, *Anisolabis*, *Forficula*.

Burr, 371; short list *Forficulidae*.

Finot, 838; West Africa gen. n. aff. *Thalpomenae*.

Griffini, 1110; *Phasgonuridae* 18 spp. n. *Gryllacris*, *Stizoscepa*, *Cymatomera*, *Polyglochis*, *Lichenochrus*, *Tympanocompus*, *Xiphidiopsis*, *Pardalota*, *Preuomena*, *Ducetia*, *Polichne*, *Morgenia*, *Plangiopsis*.

Griffini, 1117; Revision of *Gryllacris*, 6 spp. n.

Griffini, 1120; Guinea *Neanias* sp. n.

Karny, 1436; S. Africa *Blattaeformia Oothecaria*, 32 spp. n.

Karny, 1440; S. W. Africa *Blattidae* gen. n.

Shelford, 2646; Trop. & S. Africa *Blattidae* 4 spp. n.

Shelford, 2647; W. Africa *Blattidae* 13 spp. n., *Theganopteryx*, *Ischnoptera*, *Phyllodromia*, *Liosilpha*, *Pseudoderopeltis*, *Gyna*, *Nauphoeta* and *Stilpnoblatta*.

Shelford, 2648; Tropical Africa, *Blattidae* 19 spp. n.

Shelford, 2650; *Blattidae* 9 spp. n.

Werner, 3104; *Mantidae* 5 spp. n.

Werner, 3105; Abessinien *Mantidae* 1 gen. n. 1 sp. n.

Thysanura and Collembola.

Börner, 230; S. Africa 6 spp. n., 2 genn. n.

Silvestri, 2680; W. Africa 20 spp. n., genn. n.

Silvestri, 2678; Africa or. *Thysanura* 4 spp. n.

Silvestri, 2681; *Thysanura* 8 spp. n., gen. n.

Silvestri, 2687; Trop. Africa, 6 genn. n. et spp. n.

Silvestri, 2695; Kilimandjaro *Thysanura* list, 2 spp. n.

Wahlgren, 3017; Kilimandjaro-Meru, *Collembola* list, 6 spp. n.

Madagascar and Mascarene Islands.

Coleoptera.

Arrow, 53; *Lonchotus* 2 spp. n.

Bourgeois, 272; Comores & Madagascar *Xylobanus* 3 spp. n.

Hagedorn, 1176; Mauritius *Xyleborus* 2 spp. n.

Horn, 1296; *Pogonostoma* sp. n.

Pic, 2151; Madagascar *Mastilius* sp. n.

Pic, 2179; *Cephalodendron* sp. n.

Schmidt, 2525; 2 spp. n., *Saprosites* & *Euparia*.

Schwarz, 2611; *Elateridae* 8 spp. n., *Laeon* & *Centrostethus*.

Sicard, 2658; *Coccinellidae* 33 spp. n.

Hymenoptera.

Cameron, 397a; Seychelles groups 18 spp. n. *Halictus*, *Megachile*, *Odynerus*, *Trypoxylon*, *Notogonia*, *Ecthromorpha*, *Megagathis*, *Camptocentrus*, *Braunsia*, gen. n. *Alyssiinae*, *Hackeria* & *Stilbula*.

Enderlein, 770; *Stantonina* sp. n.

Forel, 870a; Seychelles group *Formicidae*.

Kieffer, 1478; gen. n. *Stephanidae*.

Mocsáry, 1912; Chrysididen von Madagaskar, den Comoren und Ostafrika *Chrysidae* 4 spp. n.

Turner, 2944; *Plesia* sp. n.

Lepidoptera.

Bastelberger, 120; *Emmiltis* sp. n.

Hampson, 1182; Madagascar, Comoroisls. Mauritius, Seychelles, Aldabra, Assumption. & Gloriosa, 15 spp. n.

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Hampson, 1186; *Acronyctinae* 1 sp. n.
Meyrick, 1895; Reunion *Opogona* sp. n.

Trichoptera.

Ulmer, 2962; *Leptocerus* sp. n.

Neuroptera.

Navás, 1977; *Nothochrysa* sp. n. & *Creagris* sp. n.

Weele, 3078; *Ascalaphidae* 4 spp. n., genn. n.

Diptera.

D'Emmerez, 631; Mauritius *Culex* 3 spp. n.

Ricardo, 2371; *Tabanus* sp. n.

Speiser, 2761; *Diptera* pupipara der madagassisch-maskarenischen Region 3 spp. n.

Hemiptera.

Green, 1101; Seychelles groups *Coccidae* 4 spp. n., *Pulvinaria*, *Ceroplastes* & *Mytilaspis*.

Distant, 664; Madagascar & Comoroislands, *Cercopidae* 2 genn. n. *Triecphora* sp. n.

Montandon, 1929; *Geocoris* sp. n.

Newstead, 2006; *Lecanium* sp. n., *Alcurodes* sp. n.

Reuter, 2342; *Gorpis* sp. n.

Reuter, 2359; Mauritius *Capsidae* gen. n., Madagascar *Pocilloscytus* sp. n.

Psocidae.

Enderlein, 777; Madagaskar & Comoren 6 spp. n.

Odonata.

Laidlaw, 1615; Seychelles group, list 14 spp.

Martin, 1797; gen. n. *Corduliinae*.

Orthoptera.

Bolivar, 243; gen. n. *Acridiidae*.

Brunner & Redtenbacher, 339; Madagascar, Reunion, Mauritius, *Phasmidae*, general work, spp. n.

Burr, 368; Nossi-Bé *Brachylabis* sp. n.

Carl, 424; n. gen. *Conocephalides*.

Finot, 837; gen. n. aff. *Carsulae*.

Semenov-Tian-Shansky, 2635; *Auchenomus* sp. n.

Shelford, 2651; n. gen. *Phyllodromiinae*.

Asia, Tropical & Eastern,

Including Japan, Biluchistan, Afghanistan.

For West & Centr. Asia *vide* Palaearctic (h.); for North Asia including Saghalin *vide* Palaearctic (c.)

Insecta, collectively.

Kieffer, 1474; India, Cecidomyiidae 10 spp. n., *Thysanoptera* gen. n., *Cecidotrioza* sp. n., *Pemphigus* sp. n., *Leachia* sp. n.

Meade-Waldo, 1819; Account of cruise, Ceylon etc.

Coleoptera.

Arrow, 53; *Dynastidae* numerous spp. n.

Arrow, 54; India *Oniticellus* 4 spp. n.

Arrow, 55; India, Tonkin & China *Mimela* 10 spp. n.

Bernhauer, 170; *Staphylinidae* 32 spp. n.

Bourgeois, 272; India *Lyropaeus* sp. n.

Fauvel, 800; *Perigona* sp. n.

Fleutiaux, 856; Tonkin 2 spp. n., *Adelocera* & *Hypnoidus*.

Gestro, 1032; Travancore & Yunnan 5 spp. n., *Anisodera*, *Paradownesia*, *Dactylispa*.

Grouvelle, 1146; Burma *Colobicus* sp. n.

Grouvelle, 1147; région indienne *Rhysodidae*, *Trogositidae*, *Nitidulidae*, *Colydiidae* & *Cucujidae*, many spp. n., genn. n.

Hagedorn, 1176; India *Xyleborus* sp. n.

Heller, 1218; India & Tonkin *Curculionidae* 20 spp. n.

Horn, 1295; North China, *Cicindela* sp. n.

Horn, 1297; Yunnan *Heptodonta* sp. n.

Horn, 1302; India *Cicindela* 3 spp. n.

Horn, 1303; India *Cicindela* sp. n.

Jacobson, 1356; Chinese Central Asia.

Jacoby, 1361; India, Burma & Ceylon *Chrysomelidae* many spp. n.

Kerremans, 1457; Siam & Cochinchina, 2 spp. n., *Philocteanus* & *Evides*.

Kolbe, Obst und Weise, 1548; China 5 spp. n., *Cetonia*, *Anatolica*, *Trigonoscelis*, *Crosita*, & gen. n. aff. *Leucochromi*.

Kuhnt, 1600; Tonkin 5 spp. n. *Micrencaustes*, *Encaustes* & *Tritoma*.

Léveillé, 1659; Bengal *Melambia* sp. n.

Lewis, 1660; Japan, India, Malacca etc. *Histeridae* 5 spp. n.

Moser, 1950; Malacca *Dasyvalgus* sp. n.

Moser, 1951; Yunnan *Hybovalgus* sp. n.

Moser, 1952; Tonkin *Melolonthidae* 22 spp. n., *Autoserica*, *Cephaloserica*, *Neoserica*, *Pachyserica*, *Apogonia*, *Lepidiota*, *Asactopholis*, *Cyphochilus*, *Holotrichia*, *Brahmina*.

Moser, 1953; Yunnan, China, Laos, 4 spp. n., *Cyphochilus*, *Holotrichia*, *Brahmina*.

Niisima, 2025; Japanische Borkenkäfer.

Niisima, 2026; Japan *Cryphalus* 2 spp. n.

Ohaus, 2054; Hong-Kong and Tonkin *Spilopopillia* 2 spp. n.

Ohaus, 2057; Tonkin & Sikkim, *Mimela* 2 spp. n.

Olivier, 2064; India & Ceylon *Diaphanes* 2 spp. n.

Olivier, 2067; Japan & Tonkin *Ototreta* 2 spp. n.

Paiva, 2091; India *Chrysomelidae* omitted species.

Pic, 2152; Burma *Hedobia* sp. n.

Pic, 2155; Coléoptères d'Asie et d'Afrique.

Pic, 2156; Yunnan *Pyrochroa* 2 spp. n.

Pic, 2159; Yunnan *Idgia* sp. n.

Pic, 2162; India 4 spp. n., *Attalus*, *Stenothemus*, *Pyrochroa* & *Oncomera*.

Pic, 2163; Yunnan *Notoxus* sp. n.

Pic, 2176; India, Tonkin, China, 13 spp. n. *Cistelomorpha* & *Cteniopus*.

Pic, 2178; Yunnan *Pseudolichas* sp. n.

Pic, 2179; Yunnan *Macrosiagon* sp. n., *Clytus* sp. n., Tonkin *Anthicus* sp. n.

Portevin, 2233; Japan *Eucinetus* sp. n.

Pic, 2185; Asia trop. *Malacodermidae* 7 spp. n.

Raffray, 2275; India *Pselaphidae* 8 spp. n.

Reitter, 2310; Afghanistan *Pogonus* sp. n.

Reitter, 2312; West Himalaya, *Laena* 6 spp. n.

Roeschke, 2388; China *Coptolabrus* sp. n.

Rost, 2408; Japan *Carabus* sp. n.

Schenkling, 2500; Nilgiri hills, *Tillicera* sp. n.

Schenkling, 2501; India, 4 spp. n., *Cymatodera* & *Cladiscus*.

Schenkling, 2503; India *Enoplium* sp. n., Yunnan *Allochotes* sp. n.

Schenkling, 2504; India *Callimerus* 2 spp. n.

Schmidt, 2523; India 9 spp. n., *Aphodius* & *Oxyomus*.

Schmidt, 2525; Hinterindien *Aphodius* sp. n.

Schubert, 2565; West-Himalaya *Staphylinidae* 19 spp. n.

Semenow, 2633; India *Purpuricenus* sp. n.

Stebbing, 2774; Assam, *Scolytidae* 5 spp. n., *Thanasimus* sp. n.

Stebbing, 2775; India *Scolytidae* 10 spp. n.

Strohmeyer, 2820; Himalaya & Japan *Scolytidae* 4 spp. n.

Strohmeyer, 2821; Kashmir 2 spp. n., *Dryocoetes* & *Scolytoplatypus*.

Thery, 2879; Liou-Kiou islds. *Chalcophora* sp. n.

Weise, 3091; India 15 spp. n., *Callispa*, *Gonophora* & *Coccinellidae*.

Zaitzev, 3185; Chinese Turkestan & Tibet 7 spp. n., *Dytiscidae* & *Hydrophilidae*.

(N-10332 j)

Hymenoptera.

Tibet *vide etiam* Centr. Asia.

André, 40; Formosa *Mutilla* sp. n.

Bingham, 206; India "new forms."

Cameron, 400; Bombay *Apidae* 20 spp. n.

Cameron, 399; Bombay *Aculeata* 20 spp. n.

Cameron, 408; Sikkim *Pseudagenia* sp. n.

Cameron, 410; India *Megachile* sp. n.

Cameron, 422; Himalaya *Ichneumonidae* 9 spp. n.

Cockerell, 506; India *Ceratina* sp. n. *Xylocopa valga*.

Enderlein, 772; Singapore *Cyano-deres* sp. n.

Forel, 874; China *Formicidae*.

Forel, 875; Ceylon 4 spp. n., *Polyrhachis*, *Pseudolasius* and *Camponotus*.

Friese, 911; China *Anthophora* sp. n.

Friese, 912; Malay penins. *Trigona* sp. n.

Kieffer, 1470; India *Hadronotus* sp. n.

Kieffer, 1475; India *Proctotrypidae* 7 spp. n., Ceylon *Propriocera* sp. n.

Kieffer, 1476; Bengal 2 spp. n., *Neuroterus* and *Sapholytus*.

Kieffer, 1478; India and Burma, *Hadronotus* sp. n., gen. n. near *Tele-nomus*.

Kohl, 1542; S. China *Polistes* sp. n.

Konow, 1556; Tibet *Tenthredinidae* 5 spp. n.

Konow, 1577; Sikkim *Tenthredinidae* 10 spp. n.

Konow, 1560; Burma *Stromboceros* 2 spp. n.

Konow, 1562; China *Tenthrediniden*.

Kuroiwa, 1607; List of the Hymenoptera in Loochoo determined by Dr. S. Matsumura: (11 families 55 species are mentioned).

Schulthess, 2570; China *Vespidae*.

Schulthess-Rechberg, 2571; Japan, *Eumenidae* 3 spp. n.

Turner, 2944; Burma, Tenasserim and China 4 spp. n., *Myzine* and *Plesia*.

Turner, 2945; Selangor *Tiphia* sp. n.

Vogt, 2992; China *Bombus* sp. n.

Lepidoptera.

Adamson, 13; Burma, *Rhopal.*, *Papil.*, *Lycaen.*, *Hesp.*, Annotated list.

Bastelberger, 120; Perak *Emmiltis* sp. n.

Bastelberger, 123; Perak *Chryso-craspeda* sp. n.

Chapman, 460; India *Lycaenidae* gen. n.

de Rhé-Philipe, 643; Kon Kau butterflies.

de Rhé-Philipe, 644; Bhutan Frontier *Cuaraxes* sp. n.

Fruhstorfer, 919; Formosa *Lethe* sp. n.

Fruhstorfer, 936; Formosa 2 spp. n., *Mycalasis* and *Blanaida*.

Fruhstorfer, 938; China *Calinaga* sp. n.

Hampson, 1183; India *Pyralidae* 38 spp. n.

Hampson, 1184; India, part xi *Pyralidae*, 19 spp. n.

Hampson, 1186; 30 spp. n. *Acronyctinae* general work.

Jordan, 1416; Hainan, *Mimeusemia* sp. n.

Matsumura, 1805; Japans *Papilioniden* 4 spp. n.

Matsumura, 1806; Formosa *Neptis* sp. n.

Meyrick, 1891; India & Ceylon *Gelechiidae* 56 spp. n.

Meyrick, 1892; India & Ceylon *Tortricidae* 32 spp. n. & *Xyloryctidae* 32 spp. n., genn. n.

Meyrick, 1893; India & Ceylon *Elachistidae* & *Gracilariidae* 65 spp. n.

Meyrick, 1894; India *Anarsia* sp. n.

Meyrick, 1896; India & Burma *Microlepidoptera* 11 spp. n.

Oberthür, 2037; W. China & Tibet 6 spp. n. *Neptis*, *Lycaena*, *Thecla* & *Carterocephalus*.

Oberthür, 2047; Formosa *Calinaga* sp. n.

Prout, 2257; Japan *Operophthera* sp. n., Tientsin *Semiothisa* sp. n. & *Stegania* sp. n.

Rothschild, 2422; Kashmir, Andaman islds., Malay penins., China, Loo Choo islds., Formosa, etc., *Papilio* 1 sp. n., & subspp. n.

Sasaki, 2472; Japan *Phassus* sp. n.

Seitz, 2629; *Zygaenidae* 22 spp. n., genn. n.

Swinhoe, 2852; Quetta gen. n. *Satyridae*, Khasia hills gen. n. *Sphingidae* *Syntomis* sp. n., *Nyctipao* sp. n., Burma *Dysphania* sp. n., Formosa *Deilemera* sp. n.

Warren, 3050; India & Burma, Malay penins., *Thyrididae* 11 spp. n.

Trichoptera.

Ulmer, 2961; Japanische, 7 spp. n.

Ulmer, 2962; 3 spp. n., Tonkin & Moupin *Hydromanicus*, Japan *Hydropsyche*.

Neuroptera.

Miyake, 1908; list of *Panorpidae* of Japan 10 spp. n.

Navás, 1977; Trop. Asia incl. Japan & Tibet, 13 spp. n., *Chrysopa*, *Nothochrysa*, *Micromus*, *Panorpa*.

Weele, 3078; India, Siam, Kashmir, *Ascalaphidae* 6 spp. n.

Diptera.

Annandale & Brunetti, 47; Calcutta *Phlebotomus* sp. n.

Bezzi, 185; Japan *Rhagio* sp. n.

Bezzi, 186; Malacca *Asarcina* sp. n.

Brunetti, 336; India & Burma *Syrphidae* 38 spp. n.

Brunetti, 338; Indian *Psychodidae* 14 spp. n.

Grünberg, 1154; China.

Hendel, 1221; Tonkin gen. n. *Pyrgotinae*.

Kertész, 1462; China *Fucellia* 2 spp. n.

Legendre, 1637; Étude comparée des *Culicides* de Tchentou (Chine).

Meijere, 1823; India and Ceylon *Syrphidae* 2 spp. n., gen. n.

Picard, 2187; Bengal *Stomoxys* 2 spp. n.

Ricardo, 2370; Annam *Haematopota* sp. n.

Scott, 2613; Formosa *Nycteribiidae* 2 spp. n.

Speiser, 2758; Annam *Stomoxys* sp. n.

Theobald, 2877; India *Culicidae* 9 spp. n.

Aphaniptera.

Rothschild, 2417; Ceylon *Pygiopsylla* sp. n.

Rothschild, 2418; Japan *Ceratomyxus* 2 spp. n.

Hemiptera, collectively.

Distant, 668; India Burma & Ceylon, *Jassinae* & *Heteroptera* supplement: many spp. n.

Kirkaldy, 1489; Ceylon 5 spp. n., *Orthocera*, *Lethacus*, *Cysteochila*, *Colobesthes*, *Phaenoneura*.

Heteroptera.

Bergroth, 153; India 5 spp. n., *Sycaeus*, *Sphedanolestes*, *Edocla*, *Myodochidae* gen. n.

Horváth, 1306; Formosa *Phaenocarpa* sp. n.

Kirkaldy, 1492; India *Micronecta* list, sp. n.

Kirkaldy, 1494; Yunnan *Urolabidae* gen. n., India *Gerridae* sp. n.

Kuhlgatz, 1598; China.

Montandon, 1925; India 3 spp. n., *Diaphorocoris* & *Heleocoris*.

Homoptera.

Distant, 668; Malay penins. *Cercopidae* & *Jassidae* 6 spp. n.

Kuwayama, 1610; Japan 36 spp. n., 5 genn. n.

Sasaki, 2473; Japan *Trioza* sp. n.

Schmidt, 2529; Annam & Malacca *Ancyra* 2 spp. n.

Coccidae.

Green, 1103; India Catalogue of *Coccidae*, 18 spp. n.

Kotinsky, 1565; Singapore 2 spp. n., *Coccus* & *Chrysomphalus*.

Marlatt, 1787; China & India *Diaspididae* 6 spp. n.

Maxwell-Lefroy, 1812; Notes on Indian *Coccidae*.

Okajima, 2060; Japan *Trichosiphum* 3 spp. n.

Thysanoptera.

Bagnall, 85; Siam & Japan 2 spp. n., *Idolothrips* & gen. n.

Niwa, 2028; Japan *Belothrips* sp. n.

Psocidae.

Enderlein, 773; Formosa, Copeognathina fauna 11 spp. n.

Okamoto, 2061; Japan 15 spp. n.

Ribaga, 2367; Burma *Amphigerontia* sp. n.

Perlidae.

Klapálek, 1509; China 2 spp. n.

Odonata.

Foerster, 861; Malacca *Caliaeschna* sp. n.

Martin, 1797; Tonkin *Macromia* 2 spp. n.

Martin, 1798; Japan & India *Aeschna* 2 spp. n., Tonkin gen. n. *Aeschninae*.

Orthoptera.

Adelung, 14; Tibet, Chinese Turkestan.

Brunner & Redtenbacher, 339; *Phasmidae* general work, spp. n.

Burr, 367; Ceylon *Apachys* sp. n.

Burr, 368; Burma *Brachylabis* sp. n.

Burr, 374; China *Odontopsalis* sp. n.

Carl & Fritze, 425; Ceylon gen. n. *Mecopodidae*.

Dreckmann, 702; *Callimenellus opacus* Khandalla.

Griffini, 1111; Birma *Gryllacris* sp. n.

Karny, 1441; Dictyoptera, Tettigonoidea, Acridoidea 11 spp. n. gen. n.

Kirby, 1485; Siam *Diastrammene* sp. n.

Matsumura & Shiraki, 1807; Japan *Locustidae* 23 spp. n., 3 genn. n.

Semenov-Tian-Shansky, 2635; *Forficulidae* 4 spp. n., 2 genn. n.

Shelford, 2646; Ceylon, Tonkin, *Blattidae* 3 spp. n.

Shelford, 2650; Ceylon *Pelmatosilpha* sp. n.

Thysanura & Collembola.

Börner, 230; Japan *Collembola* gen. n.

Asiatic Archipelago.

Java to New Guinea, incl. Philippines.

Coleoptera.

Aurivillius, 62; New Guinea *Longicornia* 4 spp. n.

Aurivillius, 63; New Guinea, *Cerambycidae* 7 spp. n., gen. n.

Eggers, 752; Java 3 spp. n. *Stephanoderes & Coccotrypes*.

Fauvel, 800; *Perigona* 2 spp. n.

Gestro, 1032; Java *Dactylispa* 2 sp. n., Sumatra *Gonophora* sp. n.

Grouvelle, 1144; Java *Litargus* sp. n.

Grouvelle, 1146; Sumatra & Moluccas *Colobicus* 4 spp. n.

Grouvelle, 1149; Sumatra *Ithyphenes* sp. n.

Hagedorn, 1176; Sumatra *Scolytidae* 6 spp. n., 2 gen. n.

Heller, 1217; *Curculionidae* 28 spp. n.

Heller, 1218; Borneo & Sumatra *Curculionidae* 26 spp. n.

Horn, 1301; Philippines *Prothyma* sp. n.

Jordan, 1418; New Guinea *Litocerus* sp. n.

Kerremans, 1455; New Guinea *Buprestidae* short list.

Kerremans, 1457; Celebes *Callopius* sp. n.

Lewis, 1660; Sumatra & Manila *Tribalus* 2 spp. n.

Lewis, 1662; New Guinea, short list.

Maindron, 1758; Nouvelle Guinée *Carabidae* 6 spp. n., gen. n.

Moser, 1950; Borneo, Nias, New Guinea, 6 spp. n. *Lomaptera, Ischio-*

psopha, n. gen. aff. *Glycyphanae, Glycyphana*.

Moser, 1951; Borneo & Java *Cetoniidae* 5 spp. n., *Anthracophora, Dasyvalgus, Euryvalgus* gen. n.

Moser, 1953; Borneo, Sumatra & Moa isld. 7 spp. n., *Leucopholis Asactopholis, Poecilopharis, Dasyvalgus*.

Ohaus, 2057; *Mimela* 5 spp. n.

Olivier, 2067; Sumatra & Nias *Ototreta* 4 spp. n.

Olivier, 2069; Sumatra *Luciola* sp. n.

Pic, 2152; Java *Maheoptinus* sp. n.

Pic, 2153; Luzon *Formicomus* sp. n.

Pic, 2176; Java, Sumatra, Borneo, Philippines, *Cistelomorpha* 5 spp. n., *Cteniopis* sp. n.

Raffray, 2277; Sumatra *Batraxis* sp. n.

Ritsema, 2380; Borneo *Phemone* sp. n.

Schenkling, 2501; Borneo *Cladiscus* sp. n., Mindoro *Tillus* sp. n.

Schenkling, 2503; Borneo *Tenerus* sp. n.

Schultze, 2595; Philippines *Gibbium scotias*.

Sternberg, 2791; Fergusson isld. *Scapanes* sp. n.

Strohmeyer, 2820; Sumatra *Acanthotomicus* sp. n.

Weise, 3067; Philippine Islands *Cassididae* 2 spp. n.

Weise, 3091; Borneo *Solanophila* sp. n., Sumatra *Sticholotis* sp. n.

Weise, 3093; *Coccinellidae* Java 3 spp. n., New Guinea list.

Théry, 2879; Amboina, Celebes, New Guinea, Roma isld., *Halmaheira* spp. n., *Iridotaenia & Cyphogastra*.

Weise, 3094; Catalogue of the New Guinea *Chrysomelidae*, 18 spp. n.

Wurth, 3168; Java *Xyleborus* sp. n.

Strepsiptera.

Meijere, 1822; Java *Strepsipteren* 2 spp. n.

Hymenoptera.

Bradley, 283; Java *Evania* sp. n., *Zeuxevania* sp. n.

- Cameron, 401; Borneo *Chalcididae* 2 genn. n.
- Cameron, 402; Borneo, 5 spp. n., *Odynerus* & *Icaria*.
- Cameron, 403; Borneo 2 spp. n., *Prosopis* & *Ceratina*.
- Cameron, 404; Borneo *Psilosema* sp. n.
- Cameron, 406; Borneo *Braconidae* 11 spp. n.
- Cameron, 407; Borneo *Tremex* sp. n.
- Cameron, 409; Borneo *Chrysididae* 2 spp. n.
- Cameron, 409a; Borneo 2 genn. n. *Xoridini*.
- Cameron, 411; Borneo *Selandria* sp. n.
- Cameron, 412; Borneo *Chalcididae* 2 genn. n.
- Cameron, 413; Borneo *Trigona* 5 spp. n.
- Cameron, 414; Borneo *Evania* 2 spp. n.
- Cameron, 415; Borneo 3 spp. n., *Crabro* & *Psen*.
- Cameron, 416; Borneo *Ceratina* sp. n.
- Cameron, 417; Borneo *Cryptinae* gen. n.
- Cameron, 418; Borneo *Braconidae* gen. n.
- Cameron, 419; Borneo gen. n. parasitic *Cynipidae*.
- Du Buysson, 386; Java 2 spp. n., *Icaria* & *Chrysis*.
- Enderlein, 770; Sumatra *Stantonia* sp. n.
- Friese, 912; New Guinea 3 spp. n., *Megachile* & *Trigona*, Borneo *Trigona* sp. n.
- Kieffer, 1471; Java 2 spp. n., *Spilomicrus* & *Dicroteleia*.
- Kieffer, 1475; New Guinea *Hemilexis* sp. n. & *Loxotropa* sp. n.
- Kieffer, 1478; New Guinea, *Allobethylus* sp. n.
- Kohl, 1541; Java *Crabro* (*Dasyprocetus*) sp. n.
- Kohl, 1542; New Guinea.
- Konow, 1560; Philippines & Borneo *Stromboceros* 2 spp. n.
- Schultze, 2594; Philippines *Sirex juvenus*.
- Szépligeti, 2856; Celebes *Chelonus* sp. n.
- Szépligeti, 2857; Java, *Evania* 7 spp. n., *Braconidae* 25 spp. n., *Ichneumonidae* 38 spp. n.
- Turner, 2946; Philippines *Thynnus* sp. n.
- Lepidoptera.*
- Bastelberger, 114; Java *Ophthalmophora* sp. n.
- Bastelberger, 117; Borneo *Patruissa* sp. n., Celebes *Visitara* sp. n., New Guinea *Arycanda* sp. n.
- Bastelberger, 120; Ferguson isld. *Perixera* sp. n.
- Bethune-Baker, 177; New Guinea *Lycaenidae* 21 spp. n.
- Bethune-Baker, 178; Brit. New Guinea, 227 spp. n., *Bombyces* (incl. *Chalcosiidae*) & *Noctuidae*.
- Fruhstorfer, 957; Obi & Fergusson isld. *Pseudonotis* 2 spp. n.
- Fruhstorfer, 967; Palawan *Bimbisara* sp. n.
- Fruhstorfer, 968; Neue indo-australische *Mycalesis* mit Verbreitungstabellen.
- Grose-Smith, 1132; New Guinea *Papilio* nov., *Parnassius* nov.
- Hampson, 1186; 10 spp. n. *Acronyctinae* general work.
- Jordan, 1416; New Guinea *Eurhodia* sp. n.
- Martin, 1792; Fauna v. Sumatra.
- Meyrick, 1896; Borneo *Atteva* sp. n.
- Rothschild, 2422; *Papilio* many sub-spp. n.
- Schultze, 2592; Philippine Islands spp. n., *Elymnias*, *Adixoa*, *Ceryx*, *Arbelidae* gen. n., *Deilemera*, *Remigia*, gen. n. aff. *Crithote*, *Milionia*, *Scirpophaga*, *Vitessa*, *Pyrausta*, *Psecadia*.
- Seitz, 2629; *Zygaenidae* 30 spp. n., genn. n.
- Snellen, 2736; Java *Batrachedra* sp. n.
- Swinhoe, 2852; 7 spp. n., *Cyrestis*, *Isbarta*, *Pompelon*, *Dasychira*, *Thalassodes*, *Dysphania* & *Pareumelea*.
- Warren, 3050; *Thyrididae* 13 spp. n.

Trichoptera.

Ulmer, 2962; Java *Hydropsychodes* sp. n., Borneo *Dipseudopsis* 2 spp. n., Fergusson isld. *Anisocentropus* sp. n.

Neuroptera.

Weele, 3078; *Ascalaphidae* 4 spp. n., genn. n.

Diptera.

Bezzi, 186; N. Guinea *Asarcina* sp. n.

Hendel, 1221; Buru & New Guinea, 2 spp. n., *Eupyrgota* & *Campylocera*.

Kertész, 1461; New Guinea 5 spp. n., *Acraspidea* & *Salduba*.

Loghem und Loghem-Pouw, 1684; *Stegomyia calopus* in Niederländisch Ost-Indien (Holländisch).

Ludlow, 1710; Philippines *Culicidae* 4 spp. n., *Cellia*, *Chagasia*, *Pseudoskusea*, *Pseudouranotaenia*.

Ludlow, 1711; The mosquitos of the Philippine islands.

Meijere, 1821; Java, Sumatra & New Guinea *Muscidae acalyptr.* 31 spp. n.

Meijere, 1823; *Syrphidae* 43 spp. n.

Aphaniptera.

Jordan & Rothschild, 1419; Christmas isld. Java *Iaemopsylla* sp. n.

Loghem, 1685; *Pulex cheopis*, Deli (Holländisch).

Rothschild, 2417; New Guinea *Pygiopsylla* 2 spp. n.

Hemiptera, collectively.

Distant, 668; *Elasmognathus* sp. n., *Sadoletus* sp. n., *Dinomachus* sp. n., *Cercopridae* & *Jassidae* numerous spp. n.

Heteroptera.

Breddie, 293; Sumatra *Dieuches* sp. n.

Horváth, 1306; New Guinea *Hyginus* 2 spp. n.

Reuter, 2342; New Guinea, *Reduviolus* sp. n.

Reuter, 2345; Sumatra *Velocipeda* sp. n.

Homoptera.

Bierman, 203; Java 7 spp. n., *Oliarius*, *Catullia*, *Orchesma*, *Liburnia*, *Idiocerus* & *Thamnotettix*.

Schmidt, 2530; Sumatra *Fulgora* sp. n.

Schmidt, 2531; *Cercopidae* 7 spp. n., gen. n.

Schmidt, 2532; Borneo *Flatosoma* sp. n.

Schmidt, 2533; Sumatra *Messena* sp. n.

Coccidae.

Marlatt, 1780; Java, *Pseudaonidia* sp. n.

Newstead, 2003; Java 4 spp. n., *Aulacaspis*, *Fiorinia* & *Dactylopius*.

Thysanoptera.

Bagnall, 82; Papua, 4 spp. n.

Bagnall, 85; Sumatra, New Guinea, 5 spp. n., genn. n.

Psocidae.

Ribaga, 2366; Java n. gen. *Psocidae*.

Ribaga, 2367; New Guinea *Myopsocus* sp. n.

Odonata.

Foerster, 861; New Guinea *Aeschnidae* gen. n.

Martin, 1797; Celebes *Procordulia* gen. n.

Martin, 1798; New Guinea *Anaciaeschna* sp. n.

Orthoptera.

Brunner & Redtenbacher, 339; *Phasmidae* general work, spp. n.

Burr, 365; Celebes *Nesogaster* sp. n.

Burr, 366; Java *Forcipula* sp. n.

Burr, 373; Java 2 spp. n., *Pygidicerana* & *Labia*.

Carl, 424; Java *Plisis* sp. n., Lombok *Xestophrys* sp. n.

Carl & Fritsche, 425; Borneo *Locustidae* 4 spp. n. *Psyra* & *Gryllacris*, *Conocephalidae* gen. n.

Griffini, 1112; Sumatra *Gryllacris* sp. n.

Griffini, 1113; Mentawai *Rhaphidophora* sp. n., Ternate *Phrictaetypus* sp. n., New Guinea *Mossula* sp. n.

Griffini, 1114; Philippines *Eremus* sp. n.

Griffini, 1115; Timor *Gryllacris* sp. n.

Griffini, 1116; N. Guinea *Gryllacris* 2 spp. n.

Griffini, 1118; Mentawai. Engano, N. Guinea, *Agraeiinae* 4 spp. n., genn. n.

Griffini, 1121; Key isld. *Sasima* sp. n.

Griffini, 1123; Mentawai, Engano, *Agroeciinae*, 3 genn. n.

Shelford, 2646; Borneo gen. n. *Blattinae*.

Shelford, 2647; New Guinea *Blattidae* 2 spp. n., *Methana* & *Salganea*.

Shelford, 2650; Sumatra *Polyphaga* sp. n.

Australia.

Insecta, collectively.

Simmonds, Entomologist 41 pp. 28-31; North Queensland collecting trip.

Coleoptera.

Arrow, 53; *Dynastidae* 2 genn. n., *Eupatorus* sp. n.

Bernhauer, 171; *Staphylinidae* 11 spp. n.

Borchmann, 247; *Alleculidae* Südwest-Australiens 5 spp. n.

Carter, 434; *Adelium* 7 spp. n.

Carter, 435; *Buprestidae* 5 spp. n., *Tenebrionidae* 16 spp. n.

Gebien, 1016; *Tenebrionidae* Fauna Südwest-Australiens 18 spp. n.

Grouvelle, 1150; *Oxyaemus* sp. n.

Hagedorn, 1176; *Xyleborus* sp. n.

Hintz, 1264; *Phlogistus* 9 spp. n.

Jacoby, 1359; Swan river & Tasmania *Eumolpini* 2 genn. n.

Kerremans, 1453; *Stigmodera* 2 spp. n.

Lea, 1631; *Curculionidae* 38 spp. n.

Moser, 1953; 2 spp. n. *Chariochilus* & *Clithria*.

Régimbart, 2295; 7 spp. n., *Macroporus*, *Paroster*, *Rhantus*, *Hydrobius*, *Helochares*, *Philydrus*.

Schenkling, 2503; *Pelonium* sp. n.

Thery, 2879; *Cyphogastra* sp. n.

Weise, 3092; *Chrysomelidae* 8 spp. n., *Coccinellidae* 1 sp. n.

Hymenoptera.

Bradley, 283; gen. n. *Evanidae*.

Friese, 912; Cairns *Megachile* sp. n.

Kieffer, 1475; spp. n.; *Evania*, *Gasteruption*, *Scelio*, gen. n. *Diapriidae*.

Kieffer, 1478; W. Australia *Gasteruption* sp. n.

Perkins, 2125; *Apidae* 2 genn. n., *Eumenidae* 2 genn. n., *Dryinidae* gen. n.

Konow, 1559; *Pteryophorus* sp. n.

Schulz, 2597; Fossores Südwest-Australiens 6 spp. n.

Szépligeti, 2856; *Braconidae* gen. n.

Szépligeti, 2859; *Braconidae* und *Ichneumonidae* Südwest - Australiens 9 spp. n.

Turner, 2946; Lake Eyre *Thymus* sp. n., Adelaide river *Eirone* sp. n., Sydney *Anthobosca* sp. n.

Turner, 2947; Queensland, *Paragia* sp. n., *Eumenidae* gen. n.

Turner, 2948; *Thynnidae* 76 spp. n.

Lepidoptera.

Bastelberger, 119; Queensland *Abraxas* sp. n.

Bastelberger, 120; Cape York *Problepsis* sp. n.

Bastelberger, 123; *Epirrhoe* sp. n.

Fruhstorfer, 968; Neue indo-australische *Mycalesis*.

Hampson, 1184; *Crambus* sp. n.

Hampson, 1186; *Acronyctinae* general work, 2 spp. n.

Turner, 2937; *Geometridae* new and notes on other species.

Warren, 3050; *Brixia* sp. n.

Trichoptera.

Ulmer, 2964; *Trichopteridae* 4 spp. n.

Neuroptera.

Weele, 3078; *Ascalaphidae* gen. n.

Diptera.

Bancroft, 95; Queensland *Culicidae* descriptive list.

Hendel, 1221; *Toxura* 2 spp. n.

Meijere, 1823; *Eristalis*, *Graptomyza*.

Aphaniptera.

Rothschild, 2417; 4 spp. n., *Pygopsylla* & *Stephanocircus*.

Hemiptera.

Distant, 666; *Jassidae* 12 spp. n., *Idiocerus*, *Bythoscopus*, *Eurymela*, *Eurymeloides*, *Penthimia*.

Kirkaldy, 1504; East Australia 25 spp. n.

Kirkaldy, 1506; Memoir on a few Heteroptera from Eastern Australia.

Marlatt, 1787; *Aspidiotus* 2 spp. n.

Schmidt, 2533; Queensland 2 spp. n. *Dardus* & *Yarrana*.

Thysanoptera.

Bagnall, 85; Queensland, *Eurynothrips* gen. n. 2 spp. n.

Ephemeridae.

Ulmer, 2964; *Baetis* sp. n.

Odonata.

Förster, 860; N. Queensland *Aeschnidae* 2 spp. n.

Tillyard, 2889; South-western Australia 6 spp. n.

Tillyard, 2890 & 2894; Central Australia new species.

Förster, 863; Queensland *Eusynthemis* 2 spp. n.

Martin, 1797; 2 spp. n., *Hemicordulia* & *Macromia*.

Tillyard, 2891; *Austrogynacantha* gen. n.

Tillyard, 2892; *Nannodythemis* 2 spp. n.

Tillyard, 2893; *Libellulinae* 5 spp. n.

Orthoptera.

Brunner & Redtenbacher, 339; *Phasmodae* general work, spp. n.

Burr, 375; *Gonolabis* 2 spp. n.

Carl, 424; Cape York *Conocephalides* gen. n.

Shelford, 2646; sp. n. *Archiblatta*.

Thysanura & *Collembola*.

Silvestri, 2697; *Thysanura* 12 spp. n. gen. n.

North America.

Insecta, collectively.

Tucker, 2933; Collecting insects at night.

Linnaeus, list of insects described by, which are known to occur in North America; New York Entomological Society, 1680.

Kellogg, 1449; American insects.

Ottawa district, novelties; Ottawa Natural 22 pp. 39-45.

Paxson, 2105; Numerical distribution of some insects.

Pettit, 2133; Michigan, insects new or unusual in.

Needham, 1986; Old Forge 4 spp. n. *Ephemeridae*, 3 spp. n. *Tipulidae*.

Hardenberg, 1190; Wisconsin, cranberry insects.

Gossard, 1085; Notes of the season, Ohio.

Needham, 1984; Aquatic insects of Walnut lake.

Davis, 622; Noteworthy Staten island insects, with additions to the local list.

Staten isld. winter list; Bueno p. 132 Canad. Ento. 40.

Banks, 105; North Carolina, a list of neuropteroid insects from.

Snow, 2738 & 2739; Expeditions to Galveston and Brownsville, Tex.

Tucker, 2934; Contributions towards a catalogue of the insects of Kansas.

†Cockerell, 503; Descriptions of Tertiary insects, 9 spp. n.

†Cockerell, 504; Descriptions of Tertiary insects, 3 spp. n.

†Cockerell, 536; Florissant, a Miocene Pompeii.

†Cockerell, 533; Florissant, Colorado.

†Grinnell, jun., 1126; Quaternary myriopods and insects of California; *Eleodes* spp. n.

Coleoptera.

Burke, 363; *Melanophila* n. sp.

Casey, 436; *Pselaphidae* 32 spp. n.

Casey, 437; Brit. Columbia *Byrrhidae* gen. n.

Casey, 438; *Coccinellidae* 31 spp. n.

- Casey, 439 ; revision *Coniontinae*.
 Champion, 447 ; *Barides*, localities, sp. n.
 Chittenden, 469 ; United States, *Balaninus* 5 spp. n.
 Dury, 724 ; Ohio *Agrilus* sp. n.
 Fall, 797 ; 4 spp. n., *Thyce*, *Polyphylla* & *Lachnosterna*.
 Gahan, 990 ; 2 spp. n., *Cyllene* & *Obrium*.
 Hayward, 1199 ; U. S., Hudson's bay etc., *Amara* 8 spp. n.
 Houghton, 1311 ; Delaware, on *Gleditschia triacanthos*.
 Houghton, 1314 ; St. Lawrence co., N. Y. list.
 Kerremans, 1457 ; Texas *Halecia* sp. n.
 Knaus, 1528 ; Kansas and other localities, list of rarities.
 Knaus, 1529-1532 ; Kansas additions to the list.
 Knaus, 1533 ; New Mexico.
 Kraus, 1575 ; United States *Cioidae* 5 spp. n.
 Lantz, 1625 ; Notes on collecting *Cicindelidae*.
 Leng, 1639 ; 2 spp. n., *Chilocorus* & *Brumus*.
 Lewis, 1660 ; *Histeridae* 2 spp. n. *Hister* & *Phelister*.
 Morris, 1946 ; Ontario, account of collecting.
 Pierce, 2193 ; *Anthonomini* 10 spp. n., genn. n.
 Poppius, 2224 ; St. Lawrence Bai *Cryobius* sp. n.
 Schaeffer, 2485 ; Brownsville and Huachuca mts. *Cerambycidae*.
 Schaeffer, 2486 ; United States 3 spp. n., *Hister*, *Listrochelus* & *Pyrota*.
 Schaeffer, 2487 ; Arizona & Texas *Copelatus*.
 Schaeffer, 2488 ; Arizona *Malacodermidae* 12 spp. n.
 Schaeffer, 2489 ; Arizona and Texas *Coccinellidae* 3 spp. n., *Cleridae* 12 spp. n.
 Schaeffer, 2490 ; *Curculionidae* & *Scolytidae*, 18 spp. n.
 Sherman, 2656 ; North Carolina, *Cicindelidae* and elevations.
 Smyth, 2732 ; Kansas, Notes on collecting *Cicindelidae*.
 Snow, 2741 ; New Mexico, list.
 Tucker, 2932 ; Texas records.
 Webb, 3069 ; North Carolina *Leptura* sp. n.
 †Wickham, 3135 ; Florissant fossil *Elateridae*.
 Wolcott, 3155 ; United States *Hydnocera* 5 spp. n.
 Wolcott, 3156 ; *Chariessa* sp. n.
- Strepsiptera*.
- Pierce, 2192 ; 6 spp. n.
- Hymenoptera*.
- Banks, 101 ; Virginia, *Trigonalys* & *Ropronia*.
 Beutenmuller, 180 ; Arizona *Aulax* sp. n.
 Bradley, 283 ; *Evanidae* 17 spp. n.
 Brues, 326 ; 3 spp. n. *Loxotropa*, *Mesocrina* & *Aphoereta*.
 †Brues, 328 ; New phytophagous Hymenoptera Tertiary of Florissant, Colorado.
 Brues, 329 ; Massachusetts, *Helormorpha* sp. n.
 Brues, 331 ; 8 spp. n., *Bethylidae*, *Proctotrypidae*, *Ichneumonidae*, *Bracconidae*.
 Cameron, 420 ; Southwest United States *Odynerus* 35 spp. n.
 Cameron, 421 ; United States *Ancistrocerus* sp. n., *Fossoria* 10 spp. n., *Ichneumonidae* 7 spp. n.
 Cockerell, 505 ; Colorado *Apidae* 6 spp. n.
 Cockerell, 505 ; United States *Megachile* 11 spp. n.
 Cockerell, 506 ; Colorado *Chelynia* sp. n.
 Cockerell, 514 ; United States, *Andrena* sp. n., *Melissodes* sp. n.
 Cockerell, 520 ; *Nomada* 2 spp. n. United States.
 Cockerell, 524 ; Colorado *Apidae* 3 spp. n., *Osmia*, *Epeolus* & *Sphecodes*.

Cockerell, 529; Colorado & New Mexico 4 spp. n., *Megachile*, *Colletes* & *Panurginus*.

Cockerell, 540; *Halictus* sp. n.

Cockerell, 542; Texas, short list.

Cockerell, 543; Virginia, *Nomada* sp. n.

Cockerell, 544; Colorado & New York, *Nomada* 3 spp. n.

Cockerell and Rohwer, 546; Colorado two new *Mutillidae*.

†**Cockerell, 506**; Florissant *Apidae* 2 genn. n.

†**Cockerell, 508**; Colorado Miocene *Apidae* 2 spp. n.

†**Cockerell, 509**; Colorado *Megachile* sp. n.

Crawford, 582; *Chalcididae* 6 spp. n., *Cerambycobius*, *Eutrichosoma*, *Pteromalini* gen. n., *Catolaccus*.

Crosby, 591; Canada *Syntomaspis* sp. n.

Girault, 1066; *Alaptus* 3 spp. n.

Girault, 1073; *Encarsia versicolor* sp. n. parasite of *Aleyrodes*.

Girault, 1075; Illinois gen. n. *Pteromalidae*.

Girault, 1076; *Mymarinae* & *Aphelininae* 3 spp. n.

Harrington, 1193; Ottawa *Vespoidea*.

Howard, 1317; *Prospaltella* four new species.

Howard, 1320; *Aphelinus* 2 spp. n.

Howard, 1319; n. g. *Chalcididae* attacking tick on Mexican dog.

Howard, 1324; Florida 2 spp. n., *Encarsia* & *Eretmocerus*.

Howard, 1325; Florida *Mymaridae* gen. n.

Johnson & Rohwer, 1408; Colorado *Bembicidae* 2 spp. n.

Kieffer, 1468; *Proctotrypidae* & *Cynipidae*, 32 spp. n.

Kieffer, 1475; California *Zelotypa* sp. n.

Konow, 1559; Alaska etc., 6 spp. n. *Tenthredinidae*.

Lovell, 1696; Southern Maine *Halictus* sp. n.

Macgillivray, 1745; New York & Minnesota *Dolerus* 20 spp. n.

Macgillivray, 1746; United States *Acordulecera* 10 spp. n.

Macgillivray, 1747; *Blennocampinae* 36 spp. n., genn. n.

Macgillivray, 1748; United States *Emphytinae* 6 spp. n.

Macgillivray, 1749; Texas *Blennocampinae* gen. n.

Rohwer, 2390; Colorado *Nematinae* 7 spp. n.

Rohwer, 2391; Colorado *Tenthredinoidea* 7 spp. n.

Rohwer, 2392; United States 6 spp. n. *Cerceris* & *Eucerceris*.

Rohwer, 2394; Colorado *Tachysphex* 3 spp. n.

Rohwer, 2395; Colorado & New Mexico, *Rhopalum* & *Crabro* 10 spp. n.

Rohwer, 2396; Colorado & Nebraska, 4 spp. n., *Belomicrus*, *Crabro* & *Ichneutidea*.

Rohwer, 2401; United States *Tenthredinidae* 16 spp. n.

Rohwer, Ent. News 19 p. 78; Colorado *Pterochilus 5-fasciatus*.

Rohwer & Cockerell, 2403; New Mexico *Oxybelus* 2 spp. n.

†**Rohwer, 2397**; Colorado larriid wasp.

†**Rohwer, 2398**; Florissant shales *Tenthredinoidea* 4 spp. n.

†**Rohwer, 2399**; Florissant, Colo. Tertiary *Tenthredinoidea* 5 spp. n.

†**Rohwer, 2400**; Colorado, Florissant shales *Mellinus* sp. n., a fossil mellinid wasp.

Smith, 2718; Indiana *Mellinus* sp. n.

Smith, 2719; The Sphegoidea of Nebraska 15 spp. n.

Snow, 2740; Arizona list.

Swenk, 2841; *Colletes* 4 spp. n.

Viereck, 2983; United States *Braconidae* & *Ichneumonidae* 94 spp. n.

Wheeler, 3121; *Myrmica levinodis* introduced into Massachusetts.

Wheeler, 3127; Revision of the American *Myrmecocysus*.

Wheeler, 3128; Texas, New Mexico & Arizona, *Formicidae* 22 spp. n.

Wheeler, 3129; Casco bay, Maine, *Formicidae*.

Lepidoptera.

Bastelberger, 123; Texas 2 spp. n., *Tephрина* & *Tephrinopsis*.

Beutenmüller, 181; Manitoba, *Catocala* sp. n.

Biederman, 201; Arizona, new *Anisota*.

Bird, 207; *Papaimema* 4 spp. n.

Braun, 288; *Lithocolletis* 9 spp. n.

Braun, 289; revision of North American *Lithocolletis* 9 spp. n.

Busck, 379; Pennsylvania. *Microlep.* 7 spp. n., *Gnorimoschema*, *Gelechia*, *Borkhausenia*, *Epermenia*, *Batrachedra*, *Elachista*.

Busck, 380; California *Recurvaria* & *Gelechia* 2 spp. n.

Busck, 381; North American *Tineina* 17 spp. n.

Busck, 382; Eastern United States *Brachyloma* 2 spp. n.

Busck, 384; *Occophoridae* revision, 5 spp. n.

Cockerell, 515; Colorado *Sesia* sp. n.

Coolidge, 566; *Rhopalocera* Wright's west coast species annotated.

Coolidge, 568; Santa Clara Co. *Rhopalocera* annotated list.

Coolidge, 569; North American species of the genus *Erebia*.

Coolidge, 570; Western *Lep.*

Coolidge, Ent. News 19 p. 135; northern Colorado *Terias mexicana*.

Cosens, 577; *Stagmatophora* sp. n.

Davis, 621; New Jersey *Pamphila arogos*.

Dod, 684; Alberta annotated list, novelties.

Dod, 685; Laggan, *Argynnis astarte* and other high mountain butterflies.

Dod, 686; Alberta notes.

Dyar, 726; *Gortyna* 6 spp. n.

Dyar, 730; *Acrobasis* 7 spp. n.

Dyar, 731; S. California 15 spp. n., *Phobolosia*, *Animomyia*, *Euxoa*, *Glau-*

cina, *Stenaspilates*, *Deilinia*, *Selidosema*, *Anaploides*, *Xantippe*, *Glaphyria*, *Ambesa*, *Salebria*, *Sarata*, *Valdivia*.

Dyar, 732; North Carolina *Packardia* sp. n.

Dyar, 734; Arizona *Agapema* sp. n.

Dyar, 735; *Chrysauginae* 2 spp. n.

Dyar, 736; review of *Pyralinae* 5 spp. n.

Dyar, 737; *Pyralidae* 11 spp. n.

Ely, 759; East River, Conn. *Catocala*.

Ely, Ent. News 19 p. 79; *Calpodesthus*.

Engel, 780; Pittsburgh list.

Fernald, 826; United States *Argyroplote* sp. n.

Grinnell, 1127; California *Synchlœa* sp. n.

Grinnell, 1128; S. California *Pterophoridae* 14 spp. n.

Grossbeck, 1133; Pennsylvania *Plagodis* sp. n.

Grossbeck, 1135; *Geometridae* 17 spp. n.

Grossbeck, 1137; *Geometridae* 7 spp. n.

Haimbach, 1178; *Pyralidae*, 4 spp. n., *Symphysa*, *Blepharomastix* & *Crambus*.

Hampson, 1185; W. N. America, *Noctuidae* list, 3 spp. n., *Protagrotis*, *Miselia*, *Plusia*.

Hampson, 1186; *Acronyctinae* general work, 2 spp. n.

Heath, 1202; Manitoba, novelties.

Kearfott, 1444; North American *Tortricidae* and *Tineina*, 24 spp. n., *Eucosma*, *Cydia*, *Epinotia*, *Enarmonia*, *Tortrix*, *Phalonia*, *Commophila*, *Choreutis*, *Argyresthia*, *Chrysopora*, *Gelechia*, *Coleophora*, *Nepticula*, *Incurvaria*.

Kearfott, 1445; *Crambidae* 19 spp. n.

Kwiat, 1611; Indiana *Helioncha* sp. n.

Lyman, 1734; Manitoba *Gortyna* sp. n.

Moore, 1931; New Brunswick, list.

Pearsall, 2107; Arizona *Chlorochlamys* sp. n.

Pearsall, 2109; New York *Eupithecia* 2 spp. n.

Pearsall, 2110; Catskill mts. *Eupithecia* 3 spp. n.

Pearsall, 2112; United States *Eupithecia* 5 spp. n.

Plitt, Ent. News 19 pp. 402-404; Baltimore short list.

Porter, 2231; Iowa list.

Rohwer, 2393; Colorado, *Terias mexicana*.

Rowley, 2434; Louisiana Notes on *Catocala*.

Smith, 2722; *Rhynchagrotis* 3 spp. n.

Smith, 2725; *Noctuidae* 18 spp. n.

Smith, 2726; *Noctuidae* 45 spp. n.

Smith, 2727; Canada *Phaeocyma* list.

Smith, 2728; *Phaeocyma* 10 spp. n.

Swett, 2842; United States *Eupithecia* 2 spp. n.

Taylor, 2872; British Columbia novelties, 7 spp. n., *Eupithecia*, *Xanthorhoe*, *Aplodes*, *Sciagraphia*.

Was, Ent. News 19 p. 83; Wisconsin *Erebus odora*.

Williams, 3145; *Eriocrania* sp. n. from the Pacific coast.

Winn p. 16 Canad. Ento. 40; Montreal, *Plusia precatationis*.

Wright and Coolidge, 3163; Placer county, Calif., list.

Wright, 3166; San Diego county, California, annotated list.

Trichoptera.

Banks, 102; United States 12 spp. n.

Banks, 103; Newfoundland 7 spp. n.

Neuroptera.

Banks, 99; California gen. n. *Hemero-biidae*.

Banks, 102; *Planipennia* & *Bittacus* 7 spp. n.

Brimley, 308; Raleigh, N. C. neuropteroidea.

†Cockerell, 511; fossil *Chrysopidae*.

†Cockerell, 516; Florissant shales *Osmylus* sp. n.

Navás, 1977; *Chrysopa* sp. n.

Sherman, 2655; North Carolina *Panorpidae*.

Tucker, 2929; Plano, Texas.

Weele, 3078; *Ululodes* sp. n.

Diptera.

Adams, 10; Wisconsin *Crassiseta* sp. n.

Adams, 11; *Mycetophila* 2 spp. n.

Ainslie, 25; Ohio *Campylomyza scutellata*.

Aldrich and Darlington, 31; *Helomyzidae*, 9 spp. n.

Beutenmuller, 179; *Cecidomyia* 6 spp. n.

Bezzi, 196; Sind die *Dasyllis*-Arten ausschliesslich in Amerika zu Heimat?

Brimley and Sherman, 310; *Tabanidae* of North Carolina.

†Brues, 332; Miocene Florissant, Colorado fossil *Phoridae*.

Brues, 334; *Phoridae* 3 spp. n.

Cockerell, 510; Boulder *Cecidomyia* sp. n.

Cockerell, 518; Colorado *Hormomyia* sp. n.

†Cockerell, 528; Colorado Eocene *Blepharoceridae* gen. n.

Cockerell, 534; *Nemestrinidae* 2 spp. n.

Cockerell, 539; The Diptera of Kansas and New Mexico.

†Cockerell, 513; Miocene Florissant 2 spp. n. *Asilidae* & *Leptidae*.

†Cockerell, 535; Colorado *Hirmoneura* sp. n.

Coquillett, 575; United States, spp. n., *Dicranomyia*, *Tanypus*, *Chironomus*, *Leptidae* gen. n., *Scatophaga*, *Rhagoletis*, *Geomyzidae* gen. n. & *Pseudiasata*.

Couden, 578; Missouri *Agromyza* sp. n.

Cresson, 584; New Mexico Diptero-logical notes.

Doane, 676; United States *Dicranomyia* 4 spp. n.

Doane, 677; *Pachyrhina* New North American; determining the species.

Doane, 678; *Rhypholophus* 5 spp. n.

Doane, 681; California *Tipula* sp. n.

Dyar & Knab, 739; *Culicidae* 3 spp. n.

Felt, 819; *Cecidomyiidae* about 400 spp. n.

Haseman, 1198; Missouri *Psychoda* sp. n.

Hine, 1262; Brit. Columbia *Asilidae* 2 spp. n., gen. n.

Johannsen, 1399; *Chironomidae* 12 spp. n.

Johnson, 1402; New England *Bombyliidae*, *Anthrax* sp. n.

Johnson, 1403; distribution of *Bittacomorpha jonesi*.

Johnson, 1404; note on *Calotarsa* & 2 new species of *Callimya*.

Knab, 1526; Saskatchewan mosquitoes of.

Mitchell, 1902; United States *Chironomus* 9 spp. n.

Osburn, 2077; Brit. Columbia *Syrphidae* additions, 6 spp. n.

Overman, 2086; Kansas, mosquitoes of Douglas county.

Russell and Hooker, 2444; New cecidomyiid on oak.

Townsend, 2906; muscoidean flies, including genera and 33 spp. n.

Tucker, 2929; Texas & Colorado *Oscinis* 4 spp. n.

Williston, 3150; Manual.

Aphaniptera.

Fox, 888; *Ceratophyllus* sp. n.

Fox, 889; San Francisco gen. n.

Mitzmain, 1905; Synopsis and bibliography of California Siphonaptera.

Osborn, 2076; Ohio *Typhlopsylla octactenus*.

Hemiptera, collectively.

Crevecoeur, 585 & 586; Kansas Additions to the list.

Horváth, 1304; Les relations entre les faunes hémiptérologiques de l'Europe et de l'Amérique du Nord.

Horváth, 1305; Remarques, 5 spp. n.

Van Duzee, 2970; Quinze lake, annotated list, *Neoborus* sp. n., *Ceresa* sp. n.

Heteroptera.

Hambleton, 1179; *Corizus* 2 spp. n.

Heidemann, 1206; *Isometopus* 3 spp. n.

Heidemann, 1207; *Tingidae* 2 spp. n., *Acysta* and *Leptobyrsa*.

Kirkaldy, 1490; Carolina *Arctocoris* 3 spp. n.

Reuter, 2342; *Nabidae* 2 spp. n., *Catharsis* & *Reduviolus*.

Reuter, 2350; Monographia generis *Heteropterorum Phimodera* Germ.

Torre Bueno, 2899; Hemiptera Heteroptera, Westchester county.

Homoptera.

†Cockerell, 530; Fossil *Cercopidae*.

Kirkaldy, 1502; California *Danepteryx* 2 spp. n.

Van Duzee, 2969; *Membracidae* 27 spp. n.

Aphidae.

†Cockerell, 532; Fossil *aphidae*.

Davis, 618; *Aphis* sp. n. *Aphis foliosonii* sp. n.

Gillette, 1044a; Colorado 6 spp. n.

Gillette, 1046; Colorado *Schizoneura* sp. n.

Jackson, 1351; *Aphis aquaticus* n. sp.

Oestlund, 2052; *Chaitophorus testudinatus*.

Rohwer, 2402; Colorado *Forda* 2 spp. n.

Wilson, 3152; Colorado *Aphis* sp. n.

Coccidae.

Coleman, 551; California 2 spp. n. *Pseudococcus* & *Xylococcus*.

Marlatt, 1787; United States *Diaspinae* 3 spp. n.

Thysanoptera.

Hood, 1289; Illinois *Idolothrips* 2 spp. n.

Hood, 1290; United States *Phloeothripidae* 3 spp. n.

Hood, 1291; Illinois 15 spp. n., genn. n.

Psocidae.

Banks, 102; United States 3 spp. n.

Mallophaga.

Durrant, 723; *Menopon* sp. n.

Perlidae.

Banks, 102; *Perla* 4 spp. n.

Banks, 103; Newfoundland *Isoperla* sp. n.

Ephemeridae.

Banks, 102; Kansas *Potamanthus* sp. n.

Odonata.

Banks; Ent. News, **19**, p. 384, *Tachopteryx* in Virginia.

Brimley, 309; North Carolina *Odonata*.

Calvert, 394; *Odonata* in Carr canyon, Huachuca mountains, Arizona.

Martin, 1797; *Somatochlora* sp. n.

Muttkowski, 1971; Wisconsin *Odonata*.

Walker, 3021; *Aeshna* 8 spp. n.

Walker, 3022; Ottawa annotated catalogue.

Williamson, 3148; Oklahoma *Corduliinae*.

Orthoptera.

Brimley, 306; Notes on the *Orthoptera* of Raleigh, North Carolina.

Caudell, 441; Arizona *Steleopyga rhombifolia*.

Caudell, 443; Arizona *Barytettix* sp. n.

Caudell, 444; California *Marsa* sp. n.

†**Cockerell, 517**; Florissant shales *Mantidae* gen. n.

†**Cockerell, 519**; Colorado Miocene gen. n. *Locustidae*.

Davis, 625; Staten Island and New Jersey, new *Orchelimum*.

Hebard, 1203; California *Decticinae* gen. n.

Isely, 1344; Kansas *Amblycorypha* sp. n.

†**Mitchell, 1903**; new protoblattid family, Lower Cretaceous.

Morse, 1948; New York and New Jersey, *Tettigidae* sp. n.

Rehn, 2299; Western United States, 5 spp. n., *Trimerotropis*, *Plagiostira*, *Ceuthophilus*, *Phrixocnemis*, *Udeopsylla*.

Rehn & Hebard, 2301; Arizona *Acriidiidae* 5 spp. n.

Thysanura (vacant), *Collembola*.

Folsom, 866; Brit. Columbia *Aphorura* sp. n.

Central America.

Coleoptera.

Bovie, 277; Costa Rica *Polydius* sp. n.

Bovie, 278; Costa Rica *Polydius* sp. n.

Casey, 438; Mexico *Coccinellidae* 4 spp. n., *Hyperaspis*, *Exochomus*, *Olla*, *Coccinella*.

Casey, 439; Mexico and Lower California *Coniontinae* revision, spp. n.

Champion, 447; *Barides* many gen. n. and spp. n.

Gahan, 990; Mexico *Cyllene* sp. n.

Jacoby, 1362; Mexico 4 spp. n., *Monachus* & *Cryptocephalus*.

Kuhnt, 1600; Mexico *Aegithus* sp. n.

Kuhnt, 1601; Honduras *Erotylus* sp. n.

Ohaus, 2055; Mexico *Anomala* sp. n., Costa Rica *Strigoderma* sp. n.

Olivier, 2064; Yucatan *Aspisoma* sp. n.

Schenkling, 2501; Mexico *Cymatodera* sp. n.

Schenkling, 2503; *Hydnocera* sp. n.

Sternberg, 2791; Mexico *Xyloryctes* sp. n.

Hymenoptera.

Bradley, 283; Mexico *Foenus* sp. n.

Cameron, 421; Belize & Nicaragua 4 spp. n., *Ancistrocerus*, *Plesia*, *Pristomeridia*.

Ducke, 715; *Vespidae* *sociales* Amerikas.

Forel, 876; Costa Rica *Formicidae* 9 spp. n.

Kieffer, 1468; *Proctotrypidae* & *Cynipidae* 33 spp. n.

Kieffer, 1470; *Scelionides* sp. n.

Kieffer, 1475; Nicaragua *Pentapria* sp. n.

Konow, 1560; 4 spp. n., *Stromboceros* & *Braunsiola*.

Schmiedeknecht, 2535; *Lobocryptus* sp. n.

Lepidoptera.

Bastelberger, 144; Mexico, *Spargania* sp. n.

Bastelberger, 115; Mexico 2 spp. n., *Psodopsis* & *Stenalcidia*.

Bastelberger, 116; Mexico, *Colotois* sp. n.

Bastelberger, 117; Mexico 2 spp. n., *Prochoerodes* & *Caberodes*.

Bastelberger, 120; Mexico *Ptychopoda* 2 spp. n.

Bastelberger, 123; Mexico *Microgonia* sp. n.

Dognin, 690; San Salvador & Costa Rica 4 spp. n., *Elymiotis*, *Hippia*, *Schizura*, *Biera*.

Dognin, 691; Mexico *Certima* sp. n.

Druce, 703; Costa Rica *Hesperiidæ* 2 spp. n., *Aides* & *Thymele*.

Dyar, 726; Mexico *Chabuata* sp. n.

Dyar, 727; *Notodontidæ* 8 spp. n., *Malocampa*, *Hemiceras*, *Chadisra* & *Pailacron*.

Dyar, 728; Panama, a pyralid inhabiting the fur of the living sloth.

Dyar, 732; Costa Rica & Panama 3 spp. n. *Metragea*, *Epiperola* & *Tanadema*.

Dyar, 734; Mexico *Agapema* sp. n.

Hampson, 1186; *Acronyctinae* general work, 2 spp. n.

Schaus, 2493; Costa Rica *Ormiscodes* sp. n.

Warren, 3051; *Geometridæ* 5 spp. n.

Neuroptera.

Banks, 104; Lower California *Brachynemurus* sp. n.

Weele, 3078; *Colobopterus* sp. n. & *Cordulecerus* sp. n.

Diptera.

Adams, 10; Costa Rica *Crassiseta* sp. n.

Busck, 383; mosquito fauna of Panama.

Dyar & Knab, 739; *Culicidæ* 17 spp. n.

Hendel, 1225; Mexico *Lauxaniinae* gen. n.

Kertész, 1461; Mexico *Euryneura* sp. n.

Townsend, 2906; Muscoidean flies, new genera and 13 spp. n.

Hemiptera, incl. *Coccidæ* etc.

(**Baker, 90**; *Typhlocybini* gen. n.)

(N-10332 j)

Distant, 663a; Costa Rica, gen. n. *Jassidæ* & *Diestostemma* sp. n., Mexico *Oncometopia* sp. n.

Marlatt, 1787; Mexico 2 spp. n., *Aspidiotus* & *Mytilaspis*.

Torre Bueno, 2900; Guatemala aquatic and semi-aquatic 2 spp. n.

Thysanoptera.

Bagnall, 85; 6 spp. n., gen. n.

Odonata.

Calvert, 393; 2 spp. n. *Brechmorhoga* & *Epigomphus*.

Calvert, 395; The present state of our knowledge of the *Odonata* of Mexico and Central America; correction.

Martin, 1798; *Aeschna* 2 spp. n.

Williamson, 3147; Mexico *Aeshna* sp. n.

Orthoptera.

Borelli, 258; Costa Rica *Forficulidæ* gen. n.

Bruner, 335; *Acridiidæ* 42 spp. n., Lower California gen. n.—**Shelford, 335**; the *Phasmidæ* of Centr. America.

Brunner & Redtenbacher, 339; *Phasmidæ* general work, spp. n.

Burr, 366; Mexico *Strongylopsalis* sp. n.

Antilles.

Coleoptera.

Casey, 438; Cuba *Megilla* sp. n.

Champion, 447; St. Vincent, *Barides* gen. n.

Grouvelle & Raffray, 1152; Guadeloupe *Pselaphidæ* & *Clavicornia* 28 spp. n.

Jacoby, 1362; Cuba & Haiti *Cryptcephalus* 3 spp. n.

Kraus, 1575; Cuba 2 spp. n., *Cis* & *Ennearthron*.

Schaeffer, 2487; Cuba *Copelatus* sp. n.

Strepsiptera.

Pierce, 2192; Grenada, St. Vincent, gen. n.

Hymenoptera.

- Bradley, 283; Cuba *Foenus* sp. n.
 Crawford, 581; Barbados, a new genus and species of *Eupelminae*.
 Forel, 873; Cuba *Camponotus* sp. n.
 Friese, 907; Bienenfauna der Kleinen Antillen und der Bermudas.
 Howard, 1317; Porto Rico *Prospaltella* sp. n.
 Kieffer, 1468; Cuba 8 spp. n., *Proctotrypidae* & *Cynipidae*.
 Wheeler, 3124; Jamaica ants.
 Wheeler, 3123; Porto Rico and Virgin islands *Formicidae* 5 spp. n.

Lepidoptera.

- Hampson, 1186; Jamaica, Bahamas etc., *Acronyctinae* general work, 4 spp. n.
 Longstaff, 1691; Jamaica *Rhopalocera*.
 Longstaff, 1692; Tobago *Rhopalocera*.
 Warren, 3051; Jamaica gen. n. aff. *Triphosae*, Cuba gen. n. aff. *Gonogalae*.

Neuroptera.

- Banks, 102; Cuba *Sisyra* sp. n.
 Weele, 3078; *Ululodes* 4 spp. n.

Diptera.

- Dyar & Knab, 739; *Culicidae* 3 spp. n.
 Felt, 814; Barbados *Contarinia* sp. n.
 Felt, 819; Porto Rico *Dichrodiplosis* sp. n.
 Johnson, 1405; Bahamas, notes, *Ceratopogon* sp. n.
 Townsend, 2906; Cuba *Lucilia* sp. n.

Hemiptera incl. *Coccidae*.

- Marlatt, 1787; Cuba *Aspidiotus* sp. n.
 Reuter, 2342; Jamaica *Carthasis* sp. n.
 Reuter, 2346; Cuba & San Domingo *Hemisphaerodella* gen. n. *Capsidae*.
 Reuter, 2358; Jamaica *Capsidae* 26 spp. n.

Thysanoptera.

- Franklin, 891; Barbados and St. Vincent islands 4 spp. n.

Psocidae.

- Banks, 102; Cuba 2 spp. n.

Orthoptera.

- Brunner & Redtenbacher, 339; *Phasmidae* general work, spp. n.
 Carl, 424; Costa Rica *Eriolus* sp. n. & *Conocephalides* gen. n.
 Rehn, 2300; *Inusia* sp. n.

South America, including Trinidad.

Insecta, collectively.

- Holmgren, 1287; Peru and Bolivia, myrmecophilous, 4 spp. n., *Staphylinidae*, *Formicidae*, *Proctotrypidae*.
 Rübsaamen, 2441; Brazil & Peru, galls, *Cecidomyiidae* 2 spp. n., *Psyllidae* sp. n.

Coleoptera.

- Arrow, 53; Rio Janeiro *Phileurus* sp. n., Ecuador *Lycomedes* sp. n.
 Bernhauer, 165; *Staphylinidae* many spp. n., genn. n.
 Bovie, 277; Colombia 2 spp. n., *Polydus* & *Compsus*.
 Bovie, 278; N. Grenada *Polydus* sp. n.
 Bruch, 321; Argentina *Megalopus* sp. n.
 Bruch, 322; Argentina *Cathorama* 2 spp. n.
 Bruch, 324; Argentina *Melanophthalma* sp. n.
 Casey, 439; Argentina gen. n. *Nycteliinae*.
 Desbrochers, 646; *Curculionidae* 7 spp. n., *Cholus* & *Erethistes*.
 Lewis, 1660; *Histeridae* 12 spp.
 Moser, 1950; Goyaz *Allorhina* sp. n.
 Gounelle, 1086; Principalement la sous-région brésilienne, Revision des genres *Compsosoma* et *Rhaphiptera* 8 spp. n.
 Gounelle, 1087; Espiritu Santo *Taurolema* sp. n.
 Grouvelle, 1139; *Clavicornia* 20 spp. n.
 Grouvelle, 1141; Guiana *Parnidae* 5 spp. n.

- Heller, 1212; Argentina *Phaenognatha* sp. n.
- Jacoby, 1362; *Cryptocephalinae* 40 spp. n.
- Kerremans, 1457; Brazil & Colombia, *Halecia* 3 spp. n.
- Kuhnt, 1600; *Aegithus* 6 spp. n.
- Kuhnt, 1601; *Erotylus*, *Cypherotylus*, *Micrerotylus*, 28 spp. n.
- Ohaus, 2055; *Rutelidae* 11 spp. n.
- Ohaus, 2056; *Ruteliden* 14 spp. n.
- Ohaus, 2058; Ecuador etc., *Lamellicornia*.
- Olivier, 2064; Brazil *Ledocas* sp. n.
- Olivier, 2068; Bolivia *Lampyridae* gen. n.
- Olivier, 2069; *Lampyridae* 7 spp. n.
- Pic, 2147; Argentina 3 spp. n., *Hadrotoma*, *Carphurus* & *Anthicus*.
- Pic, 2153; Brazil, Ecuador, Chile, 3 spp. n. *Niptus*, *Ptinus* & *Hadrobregmus*.
- Pic, 2163; Brazil *Hylophilus* sp. n.
- Pic, 2165; Brazil *Tomoderus* 2 spp. n.
- Pic, 2166; *Astylus* 2 spp. n.
- Pic, 2179; Brazil *Anthicus* sp. n.
- Pic, 2185; *Malcodermidae* 6 spp. n.
- Raffray, 2277; Paraguay, *Arthmius* sp. n., & *Decarthron* sp. n.
- Raffray, 2279; Cayenne & Brazil *Pselaphidae* 2 spp. n.
- Schenkling, 2503; Tucuman 2 spp. n., *Hydnocera* & *Platynoptera*, Brazil & Argentina *Pelonium* 2 spp. n.
- Sternberg, 2791; 3 spp. n. *Coelosis*, *Xyloryctes*, *Enema*.
- Thery, 2879; *Buprestidae* *Halecia* 5 spp. n.
- Weise, 3083; 14 spp. n., *Hispidae*, *Coccinellidae* & *Rhybus*.
- Hymenoptera*.
- André, 40; *Mutillidae* 4 spp. n.
- André, 43; Argentina *Traumatomutilla* sp. n.
- Bradley, 283; Br. Guiana *Semaeomyia* gen. n. & *Evaniella* sp. n., Brazil *Hyptia* sp. n. & *Interaulacus* gen. n. (N-10332 j)
- Brèthes, 300; Argentina & Paraguay, 7 spp. n., *Discoelius*, *Zethus*, *Chrysis*, *Epistenia*, *Iphiaulax*.
- Cameron 405; Paraguay *Microgaster* sp. n.
- Ducke, 714; Neotropical social *Vespidae*, 5 spp. n., *Protopolybia*, *Polybia*, *Polistes*.
- Ducke, 716; les *Scoliides* de l'Amérique du Sud 6 spp. n., gen. n.
- Ducke, 717; nord-est du Brésil *Apidae* 12 spp. n., *Solierella* sp. n., *Holopyga* sp. n.
- Ducke, 718; Brasilia *Leiopodus*, 2 spp. n.
- Enderlein, 770; Peru *Stantonina* sp. n.
- Forel, 873; Sao Paulo, Paraguay etc., *Formicidae* 23 spp. n.
- Friese, 907; Trinidad, *Ceratina* sp. n.
- Friese, 908; Argentina, *Apidae* gen. n.
- Friese, 913; *Apidae*, Argentina many spp. n.
- Jensen-Haarup, 1381; Argentina *Centris* sp. n. & *Cælioxys* sp. n.
- Kieffer, 1473; Colombia *Parasierola* sp. n.
- Kieffer, 1475; Trinidad *Anisepyrus* 2 spp. n., Brazil *Peras* sp. n.
- Kieffer, 1476; Chile *Cynipidae* gen. n.
- Kieffer, 1478; Brazil, *Evaniidae* & *Stephanidae*, 12 spp. n.
- Konow, 1559; Brasilia *Probleta* sp. n.
- Konow, 1560; *Tenthredinidae* 14 spp. n.
- Mocsáry, 1911; *Euglossa* 3 spp. n.
- Schmiedeknecht, 2535; Peru & Brazil *Cryptinae* 12 spp. n.
- Schroettky, 2560; Paraguay *Hemisia* 3 spp. n.
- Szépligeti, 2856; *Braconidae* 19 spp. n., gen. n.
- Turner, 2944; Rio Grande do Sul & Argentina *Plesia* 2 spp. n.
- Turner, 2945; Brazil & Argentina *Tiphia* 3 spp. n.
- Turner, 2946; *Thynnidae* 9 spp. n.
- Zavattari, 3187; Ecuador *Podium* sp. n.

Lepidoptera.

Bastelberger, 114; Peru & Bolivia *Geometridae* 5 spp. n., *Heterusia*, *Erateina*, *Mimocharis*.

Bastelberger, 115; Peru 3 spp. n., *Rhopalodes* & *Tephroclystia*.

Bastelberger, 116; Huancabamba *Heterusia* sp. n.

Bastelberger, 117; *Geometridae* 15 spp. n.

Bastelberger, 119; *Geometridae* 7 spp. n., *Apicia*, *Ptychopoda*, *Calyplocome* & *Sangalopsis*.

Bastelberger, 121; Bolivia & Ecuador 3 spp. n., *Erateina* & *Heterusia*.

Bastelberger, 123; *Geometridae* 10 spp. n. *Erilophodes*, *Microgonia*, *Chloroclystis*, *Tephroclystia* & *Pero*.

Brèthes, 301; Argentina *Chlanidophora* sp. n.

Dognin, 689; *Geometridae* 17 spp. n., *Pyrilidae* 12 spp. n., *Tortrix* sp. n., Chile 2 spp. n. *Apicia* & *Tineinae* gen. n.

Dognin, 690; 45 spp. n., *Uraga*, *Prumala*, *Automolis*, *Melesa*, *Halisidota*, *Episilia*, *Lycophotia*, *Eriopyga*, *Oslaria*, *Automeris*, *Adelocephala* & *Notodontidae* 30 spp. n.

Dognin, 691; *Geometridae* & *Epilemidae*, 15 spp. n., *Campylona*, *Racheolopha*, *Blechroma*, *Tricentra*, *Haemalea*, *Dyspteris*, *Ballantiophora*, *Opisthoxia*, *Nephodia*, *Thysanopyga*, *Certima*, *Phyllodonta*, *Capnophylla*.

Druce, 703; Peru, Bolivia & Colombia *Hesperiidae* 12 spp. n.

Druce, 704; Peru *Noctuidae* 39 spp. n.

Dyar, 727; *Notodontidae* 26 spp. n.

Dyar, 732; 2 spp. n. *Parasa* & *Natada*.

Fruhstorfer, 927; Ecuador *Leptophobia* sp. n.

Fruhstorfer, 941; Ecuador *Leptophobia* sp. n.

Fruhstorfer, 963; Amazons *Pyrrhogyra* sp. n.

Fruhstorfer, 965; Peru *Eunica* sp. n.

Hampson, 1182; Trinidad *Calladia* sp. n.; Brazil 3 spp. n. *Ambia* & *Pyrausta*.

Hampson, 1186; *Acronyctinae*, general work, 25 spp. n.

Jones, 1410; Paraná 78 spp. n., *Sphingidae*, *Syntomidae*, *Arctiidae*, *Noctuidae*, *Notodontidae*, *Eupterotidae*, *Saturniidae*, *Dalceridae*.

Jordan, 1416; Orinoco *Euschirropterus* sp. n., Colombia *Seiropocastnia* sp. n.

Kieffer, 1473; Colombia *Semasia* sp. n.

Longstaff, 1680; Venezuela *Rhopalocera*, account of collecting.

Moulton, 1954; Brazil, Burchell's 1825-1830 collection *Nymphalinae*.

Neustetter, 1993; Kolumbien und Ekuador *Heliconius*.

Sanders, 2464; *Morphinae* of Brazil collected by Burchell 1825-1830.

Schaus, 2493; Brazil 2 spp. n. *Heliconisa* & *Ormiscodes*.

Seitz, 2629; Peru *Tatochila* sp. n.

Stephan, 2782; Die Schmetterlingswelt der Hochcordilleren von Südamerika.

Warren, 3050; *Thyrididae* 24 spp. n.

Warren, 3051; *Geometridae* 25 spp. n.

Weymer, 3118; Brazil *Automeris* sp. n.

Trichoptera.

Navás, 1978; Chile *Halesus* sp. n.

Ulmer, 2962; Brazil & Argentina 5 spp. n., *Mortoniella*, *Cyrnus*, *Smicridea*, *Decetis* & *Leptocella*.

Neuroptera.

Banks, 104; Ecuador, 7 spp. n., *Dimares*, *Eremoleon*, *Acanthacclisis*, *Brachynemurus* & *Ueulodes*.

Banks, 106; Chile, gen. n. *Corydalinae*.

Enderlein, 776; Bolivia *Coniopterygidae* gen. n.

Navás, 1977; *Leucochrysa*, *Mantispa*, *Bittacus*.

Weele, 3078; *Ascalaphidae* 9 spp. n.

Diptera.

Brèthes, 302; La Plata, Catalogue; *Homalomyia* sp. n.: **303, 304** *Urellia* 5 spp. n.: **305** *Exorista* 3 spp. n.

Cresson, 583; Dutch Guiana, *Ortaliidae* and *Trypetidae* 2 spp. n. with notes on others of these groups.

Dyar & Knab, 739; *Culicidae* 3 spp. n.

Enderlein, 771; Peru *Cutiterebra* sp. n.

Hendel, 1221; Rio Grande do Sul *Pyrgota* sp. n.

Hermann, 1233; Peru *Laphystia* 3 spp. n.

Kertész, 1461; 9 spp. n., *Notacanthidae*, genn. n.

Townsend, 2906; muscoidean flies 2 spp. n. descriptions of new genera and species,

Aphaniptera.

Jordan & Rothschild, 1419; *Rhopalopsyllus* 5 spp. n.

Rothschild, 2417; Chile *Ctenopsyllus* sp. n.

Hemiptera, incl. *Coccidae* etc.

Breddie, 291; Paraguay and Argentina 2 spp. n., *Podisus* & *Margus*.

Distant, 663a; N. W. South America *Jassidae* 50 spp. n., Brazil etc. 8 spp. n.

Horváth, 1306; Peru *Peruda* 2 spp. n.

Jacobi, 1353; Andes *Cercopidae* 40 spp. n., genn. n.

Montandon, 1925; Paraguay *Belostoma* sp. n.

Reuter, 2342; Demerara *Nabidae* gen. n.

Schmidt, 2528; Ecuador *Acanalonia* 3 spp. n.

Schmidt, 2532; Brazil *Enchophora* sp. n.

Thysanoptera.

Bagnall, 85; Amazons gen. n.

Buffa, 355; Paraguay & Argentina 2 genn. n.

Psocidae.

Ribaga, 2367; Bolivia *Caecilius* sp. n., Monte Video *Psocus* sp. n.

Odonata.

Foerster, 861; Paraguay *Gynacantha* sp. n.

Martin, 1798; *Aeschna* 4 spp. n.

Ris, 2378; Odonatenfauna von Argentina.

Orthoptera.

Bruner, 335; Trinidad *Cornops* sp. n., Guiana & Brazil *Acridiidae* 7 spp. n.

Brunner & Redtenbacher, 339; *Phasmidae* general work, spp. n.

Burr, 369; Paraguay *Pygidicrania* sp. n.

Griffini, 1122; *Gryllacridae* 2 spp. n.

Rehn, 2298; São Paulo, Brazil *Acridiidae* 1 n. gen., 3 n. spp.

Rehn, 2300; Peru *Proctolabus* sp. n.

Shelford, 2650; Peru, *Paralatinidia* sp. n. and gen. n. aff. *Epilamprae*.

III.—SYSTEMATIC.

The habits of insects as a factor in classification; OSBORN Ann. Ent. Soc. Amer. 1 pp. 70-84.

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Ctenocares metallicus p. 59, *scutellaris* p. 53, *sjostedti, testaceus*, p. 54, Kilimandjaro und Usambara, spp. n. SZÉPLIGETI T.c.

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Distantella apicalis sp. n. Blumenau pl. ii f. 1, SCHMIEDEKNECHT p. 18 Gen. Ins. 75.

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p. 229; *commenticius* p. 229 Südrussland, *sulokosevitschi* p. 230 Transkaukasien, *lectus* p. 231 Krim, **spp. n.**, KOKUJEV Rev. russ. ent. 7.—*I. clarimontis* **sp. n.** California, CAMERON Trans. Amer. Ent. Soc. 34 p. 241.—*I. egregiafacialis*, *flavofacialis*, pp. 288–292 Colorado, *arizonensis*, *humphreyi*, *nigrosignatus*, *citrinifacialis*, Arizona, pp. 293–302, **spp. n.**, VIERECK Trans. Kans. Acad. Sci. 19 1905.—*Ichneumon*? *oryxicornis* **n. sp.** Kansas, VIERECK pp. 322–325 T.c.

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Hypenagonia brunnea **sp. n.** New Guinea, BETHUNE-BAKER p. 239 T.c.

Hypenarana **gen. n.**, *rosacea* **sp. n.** New Guinea, BETHUNE-BAKER p. 240 T.c.

Hypotype jucunda **sp. n.** Paraná, JONES p. 156 London Tr. ent. Soc. 1908.

Hypoplexia **gen. n.** type *Hadena algoa*, *conjuncta* **sp. n.** S. Africa, HAMPSON p. 426 Cat. Lep. phal. 7.

Hyssia ruficana p. 292, *melanopis*, *stenorena*, *olivescens*, p. 293, *poliorhoda* p. 294, **spp. n.**, Peru, DRUCE Ann. Nat. Hist. 1.

Iambia harmonica pl. cxiii f. 4 p. 655, *inferalis* f. 5 p. 657, *rufescens* f. 6 p. 658, HAMPSON Cat. Lep. phal. 7.

Iambiodes **gen. n.** type *Tarache anormalis* HAMPSON p. 659 T.c.

Iluza aroa **sp. n.** New Guinea, BETHUNE-BAKER p. 203 Nov. Zool. 15.

Ilyrgis brunneata **sp. n.** New Guinea, BETHUNE-BAKER p. 204 T.c.

Insolentipalpus **gen. n.**, *ochreopunctata* **sp. n.** New Guinea, BETHUNE-BAKER p. 212 T.c.

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Leucosigma uncifera **sp. n.** Peru, DRUCE p. 302 Ann. Nat. Hist. 1.

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Magusa olivaria Malacca p. 55 pl. cix f. 7, *oenistis* p. 56 f. 8, *leucorina* p. 57 pl. cviii f. 9, New Guinea, **spp. n.**; *tenebrosa* pl. cix f. 10, HAMPSON Cat. Lep. phal. 7.

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Meroleuca **gen. n.** type *Poecilia microglossa* Rmbr., HAMPSON p. 687 Cat. Lep. phal. 7.

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†*C. (?) pontaniiformis* *sp. n.* Miocene Colorado, COCKERELL New York Bull. Amer. Mus. 24 p. 66.

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caus p. 40, *teneriffensis* p. 41, Canaren **spp. n.**, BECKER Berlin Mitt. zool. Mus. 4.

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Solenostethium superbum **sp. n.** Congo, SCHOUTEDEN p. 370 Ann. Soc. ent. Belgique **52**.

Statanus **gen. n.** *Cydninae* p. 430, *membranaceus* **sp. n.** Ceylon p. 431 f. 260, DISTANT Faun. Brit. India Rhynchota **4**.

Stachyomia thamada **sp. n.** Burma p. 441 f. 265, DISTANT T.c.

Steganocerus transvalicus **sp. n.** Africa, BREDDIN Entomol. Ztg **27** p. 69.

Stibaropus henkei, Leben im Lande, Tonerzeugung, Stinkdrüsengeruch, Auftreten, JAKOVLEV Rev. russ. ent. **7** pp. 96–98.

Tessaromerus **gen. n.** *Urolabidae*, *quadriarticulatus* **sp. n.** Yunnan, KIRKALDY p. 452 Canad. Ent. **40**.

COREIDAE (*Geocoridae*), LYGAEIDAE (*Myodochidae*) & PYRRHOCORIDAE.

Owing to the confusion now existing, it is better to treat these families in combination. The following genera etc. were last year erroneously placed in "Coreidae"; they should have appeared under "Lygaeidae," in the sense in which we used those two names of families:—

Æthalotus *Cœnocoris* *Chauliopinæ* *Cymoninus* *Cymus* *Lethæus* *Lemnius* *Lispochroa* *Macropes* *Malcinæ* *Myodochinæ* *Ninus* *Notochilaster* *Pamera* *Paromius* *Pœantius* *Pyrrhobaphus* *Rhodiginus*.

American *Corizini* preliminary remarks, BAKER pp. 241–244 Canad. Ento. **40**.

Acanthocerus galeator nymph, BUENO p. 165 Canad. Ento. **40**.

Acanthomia leontjevi **sp. n.** Süd-Abyssinien, BERGROTH Rev. russ. ent. **7** p. 107.—*A. insignis* **sp. n.** Ruwenzori, DISTANT p. 442 Ann. Nat. Hist. **2**.

Akbaratus **gen. n.** near *Hypselopus* p. 485, *fisheri* **sp. n.** Bombay f. 280 p. 486, DISTANT Faun. Brit. India Rhynchota **4**.

Aschistus nepalensis Nepal p. 468, *sulcatus* Pegu p. 469, **spp. n.**, DISTANT T.c.

Babaranus **gen. n.** *ornatulus* **sp. n.** Assam f. 278, DISTANT p. 482 T.c.

Bedunia nesiotes **sp. n.** Fiji, KIRKALDY Sydney Proc. Linn. Soc. **33** p. 357.

Brotheolus **nom. n.** für *Brotheus* Dist., BERGROTH Rev. russ. ent. **7** p. 107.

Centrocoris; Uebersicht und Synopsis der eurasischen Arten pp. 235–236, *ruficeps* p. 236 *Bucharei* **sp. n.**, JAKOVLEV Rev. russ. ent. **7**.

Cloresmus antennatus **sp. n.** Sikkim, DISTANT p. 471 Faun. Brit. India Rhynchota **4**.

Corizus indentatus p. 139, *tuberculatus* p. 140, United States, **spp. n.**, HAMBLETON Ann. Ent. Soc. Amer. **1**.

Craspedum burmanicum **sp. n.** Mandalay p. 476 f. 275, DISTANT Faun. Brit. India Rhynchota **4**.

Cymodema exiguum sp. n. Washington, HORVÁTH Ann. Mus. Hung. 6 p. 559.

Cymus vulturinus sp. n. Bundaberg, KIRKALDY Sydney Proc. Linn. Soc. 32 p. 770.—*C. discors* sp. n. Amérique du Nord, HORVÁTH Ann. Mus. Hung. 6 p. 559.

Dermatinus africanus nom. n. pro *D. aethiopicus* Courteaux 1907, COURTEAUX Bul. Muséum Paris 1908 p. 190.

Dieuches procericornis sp. n. Sumatra, BREDDIN Stettiner ent. Ztg 69 p. 31.

Dinomachus fusus sp. n. Borneo, DISTANT Rec. Ind. Mus. 2 p. 128.

Drymus brunneus macropterus form, SAUNDERS p. 257 Ent. Mag. 44.

Elasmolomus insularis sp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 360.

Elasmopoda ampliata sp. n. Afrique, COURTEAUX Bul. Muséum Paris 1908 p. 190.

Emblethis vicarius sp. n. Amérique du Nord, HORVÁTH Ann. Mus. Hung. 6 pp. 563-564.

Euthetus singalensis sp. n. Ceylon, DISTANT p. 481 Faun. Brit. India Rhynchota 4.

Geocoris sjöstedti, *kilimandjariensis*, spp. n. Kilimandjaro, MONTANDON Kilimandjaro Mem. Exp. 12 2 pp. 12-15.—*G. tricolor*, synonymy p. 123, *alluaudi* sp. n. Madagascar p. 125, MONTANDON Bull. Soc. Bucarest 17.—*G. roseobistriatus*, Bundaberg, *capricornutus* Kuranda, *lubra* Bundaberg, spp. n., KIRKALDY Sydney Proc. Linn. Soc. 32 pp. 773-774.

Germalus kurandae Kuranda sp. n., KIRKALDY p. 774 T.c.

G. pacificus, *oceanicus*, spp. n., *G. o.* var. n. *interrupta*, Fiji, KIRKALDY Op. cit. 33 pp. 361-362.

Graptostethus vitiensis sp. n. Fiji, KIRKALDY p. 354 T.c.—*G. maculatus* var. n. *sinhalana*, KIRKALDY p. 10 Ann. Soc. ent. Belgique 52.

Haidara gen. n. *Atractaria*, *producta* f. 274, p. 474, *admota* p. 475, spp. n., Bombay, DISTANT Faun. Brit. India Rhynchota 4.

Holopterna wollastoni p. 440, *affinis* p. 441, spp. n., Ruwenzori, DISTANT Ann. Nat. Hist. 2.

Homococerus relatus p. 466, *fraternus* p. 467, Ceylon, *badgleyi* Assam p. 468, spp. n., DISTANT Faun. Brit. India Rhynchota 4.

Hyginus annulicornis, *cornis*, *lugens*, N. Guinea, spp. n., HORVÁTH Ann. Mus. Hung. 6 pp. 593-595.

Insulicola gen. n. *Myodochini*, *pacificus*, *oceanicus*, spp. n., Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 359.

Ischnocoris hemipterus Schill. et *angustulus* Boh., REUTER Paris Bul. soc. ent. 1900 pp. 128-131.

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Lethaeus taprobanes sp. n. Ceylon, KIRKALDY p. 11 Ann. Soc. ent. Belgique 52.

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Margus brevicornis sp. n. Argentinien, BREDDIN Entomol. Ztg 27 p. 68.

Metrarga nuda var. n. *mauiensis*, *contracta* var. n. *picea*, p. 188, *lanaiensis* sp. n. p. 189, Hawaiian Islands, KIRKALDY Honolulu Proc. Hawaiian Ent. Soc. 1.

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Mygdonia montana sp. n. Ruwenzori, DISTANT p. 441 Ann. Nat. Hist. 2.

Nesocryptias subgen. n. of *Metrarga* type *villosa*, KIRKALDY Honolulu Proc. Hawaiian Ent. Soc. 1 p. 189.

Nesostethus subgen. n. of *Stalagmostethus*, *ornatus* sp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 355.

Ninus stylatus, *subsessilis*, spp. n., Fiji, KIRKALDY p. 356 T.c.

Notobitus parvus Tenasserim, *mundus* Ceylon, spp. n., DISTANT p. 470 Faun. Brit. India Rhynchota 4.

Ontiscus vitiensis sp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 356.

Orthoea sinhalana sp. n. Ceylon, KIRKALDY p. 11 Ann. Soc. ent. Belgique 52.—*O. sidrica* sp. n. Sydney, KIRKALDY Proc. Linn. Soc. 32 p. 775.

Pachygrontha austrina sp. n. Kuranda, KIRKALDY p. 771 T.e.

Pendulinus rostratus sp. n. Bombay, DISTANT p. 473 Faun. Brit. India Rhynchota 4.

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Phyllomorpha algerica mimiery, THIÉRY et LE CERF Ann. Ass. nat. Lévallois-Perret 13 pp. 20-21.

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Sadoletus corvus sp. n. Borneo, DISTANT Rec. Ind. Mus. 2 p. 128.

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Sphictyrtus chrysis Lieht. für *fasciatus* Burm., BERGROTH Entomol. Ztg 27 p. 248.

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Stenophthalmicus horvathi sp. n. E. Africa p. 127, *fajoumensis* Costa = (*mixtus* Mont.) p. 126, MONTANDON Bull. Soc. Bucarest 17.

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Thaumastotherium gen. n. corrected in corrigenda to *Thaumastocoris* gen. n., *australicus* sp. n. Bundaberg, KIRKALDY Sydney Proc. Linn. Soc. 32 p. 777 fig.

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Cantacader divisus sp. n. Süd-Abessinien, BERGROTH Rev. russ. ent. 7 p. 108.

Cysteochila taprobanes sp. n. Ceylon, KIRKALDY p. 12 Ann. Soc. ent. Belgique 52.

Elasmognathus heveti sp. n. Kuehing, DISTANT Rec. Ind. Mus. 2 p. 127.

Epimixia gen. n. near *Teleonemia*, *alitophrosyne* sp. n. Sydney, KIRKALDY Sydney Proc. Linn. Soc. 32 p. 779.

Holophygdon gen. n. near *Gargaphia*, *melanesica* sp. n. Fiji, KIRKALDY Op. cit. 33 p. 361 Pl. iv f. 10-11.

Hypsipyrgias gen. n., near *Dichocysta*, *telamonides* sp. n. Kuranda, KIRKALDY Op. cit. 32 p. 779 figs.

Leptobyrsa explanata sp. n. eastern United States, HEIDEMANN Washington Proc. Ent. Soc. 10 p. 105 pl. iv figs. d & e.

Nesocypselas gen. n. near *Derephysia*, type *dicysta*, KIRKALDY Sydney Proc. Linn. Soc. 33 pp. 364-365 Pl. iv f. 8-9.

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Phatnoma pacifica sp. n. Fiji, KIRKALDY p. 363 T.e.

Serenthia vulturina sp. n. Bundaberg, KIRKALDY Op. cit. 32 p. 778.

Teleonemia pacifica Qld. & Fiji, *vulturina* Kuranda, spp. n., KIRKALDY pp. 780-781 T.e.

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Metatropis last year, p. 380 was placed by error in Tingitidae, q.v.

ARADIDAE.

Calisius pacificus sp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 350.

Ctenoncenus bergrothianus, fungicola,
spp. n. Fiji, KIRKALDY pp. 351-352 T.c.

GERRIDAE.

The broken hemelytra in certain Halobatinae, Migration, self-mutilation and breeding habits; TORRE BUENO Ohio Nat. 9 pp. 389-392, text fig.

Aydroessa macgregori to *Microvelia*, KIRKALDY p. 109 Tr. N. Zeal. Inst. 40.

Microvelia pacifera spp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 366.

Rhagovelia australica sp. n. Kuranda, KIRKALDY Op. cit. 32 p. 783.

Rheumatobates; key to species pp. 380-382, *praeposterus* sp. n. p. 376 Puerto Barrios, BERGROTH Ohio Nat. 8.

Rheumatotrechus gen. n. near *Ptilomera*, *himalayanus* sp. n. Kurseong, KIRKALDY p. 452 Canad. Ento. 40.

Telmatometra gen. n. p. 374 near *Trepobates*, *whitei* sp. n. Escuintla p. 376, BERGROTH Ohio Nat. 8.

Tenagovelia gen. n. near *Microvelia*, *sjustedti* sp. n. Usambara, KIRKALDY Kilimaudjaró-Meru. Exp. 12 3 p. 22.

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Acanthobrachys virescens sp. n. Kuranda, KIRKALDY Sydney Proc. Linn. Soc. 32 p. 782.

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Carthasis contrarius North America, minor Jamaica, spp. n., REUTER p. 97 T.c.

Cleptria angolensis sp. n. Angola, BERGROTH D. ent. Zs. 1908 p. 503.

Dolichonabis subg. n. of *Reduviolus* for *Nabis propinquus* etc., REUTER p. 104 Mem. Soc. ent. Belgique 15.

Edocla pauper sp. n. Delagoa-Bai, BREDDIN Entomol. Ztg. 27 p. 70.—*E. sindica* sp. n. India, BERGROTH D. ent. Zs. 1908 p. 593.

Gardena pacifera sp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 371.

Gorpis acutispinis sp. n. Madagascar, REUTER p. 96 Mem. Soc. ent. Belgique 15.

Heza ephippium Licht. für *Heza octospinosa* Fabr., BERGROTH Entomol. Ztg. 27 p. 248.

Holoptilus transvaalensis sp. n. Afrique, MONTANDON Rev. ent. Caen 26 p. 127.

Leptodema farinaria sp. n. Süd-Abyssinien, BERGROTH Rev. russ. ent. 7 p. 109.

Lisarda recurvinasus sp. n. Süd-Abyssinien, BERGROTH T.c. p. 109.—*L. rhinocerus* Abessinien sp. n., REUTER St. Petersburg Ann. Mus. zool. 13 p. 26.

Luteva eirce sp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 373.—*L. insulicola* sp. n. Hawaiian Islands, KIRKALDY Honolulu Proc. Hawaiian Ent. Soc. 1 p. 196.

Nabis elongata Kousch. = *Reduviolus lineatus* Dahlb., REUTER St. Petersburg Ann. Mus. zool. 12 pp. 541-545.

Nesidiolestes insularis sp. n. Hawaiian Islands, KIRKALDY Honolulu Proc. Hawaiian Ent. Soc. 1 p. 195.

Nesomachetes subgen. n. of *Reduviolus* type *kahavalu*, KIRKALDY p. 190 T.c.

Oneocephalus pacificus sp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 368.

Paraehnocoris gen. n. near *Arachnocoris* p. 128, *chloropterus* sp. n. Demerara p. 129, REUTER Mem. Soc. ent. Belgique 15.

Phantasmaphanes gen. n. near *Stenolemus*, *muiri* sp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 pp. 369-371.

Phorticus minutulus n. n. for *parvulus* Reut., REUTER p. 95 Mem. Soc. ent. Belgique 15.

Ploiariodes calamine, euryale, steno, medusa, spp. n. Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 pp. 372-373.

Reduriolus (Hopliscocelis) heidemanni California p. 100, *R. (Stomatacanthus* subg. n.) *vulcanus* New Guinea p. 110, spp. n., REUTER Mem. Soc. ent. Belgique 15. *Reduviolus* subgen. n. vide *Dolichonabis*.—*R. arrogans, truculentus, nubigenus*, p. 191, *kaonohiula, monti-*

vagus, *silvicola*, *monticola*, p. 192, *procellaris*, *volcanicola*, *paludicola*, *lolupe*, p. 193, *silvestris*, p. 194, **spp. n.**, *kerasphoros* var. n. *purpurea*, Hawaiian Islands, KIRKALDY Honolulu Proc. Hawaiian Ent. Soc. 1.

Sphedanolestes wellmani **sp. n.** Angola, BERGROTH D. ent. Zs. 1908 p. 502.—*S. fraterculus* p. 591, *minusculus* p. 592, India, **spp. n.**, BERGROTH T.c.

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Sycanus albofasciatus **sp. n.** India, BERGROTH D. ent. Zs. 1908 p. 590.

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Enicocephalus fungicola, *corticicola*, **spp. n.**, Viti Levu, KIRKALDY pp. 367-368 T.c.—*H. culicis*, swarming, KNAB Washington Proc. Ent. Soc. 10 pp. 7-8.

Lasiochilus silvicola p. 196, *montivagus*, *nubigenus*, p. 197, **spp. n.**, Hawaiian Islands, KIRKALDY Honolulu Proc. Hawaiian Ent. Soc. 1.

Pachycoleus rufescens in England, fig., CHAMPION p. 8 Ent. Mag. 4 and KEYS T.c. p. 42.

CAPSIDAE, MIRIDAE.

Synopsis der deutschen Blindwanzen (Hemiptera heteroptera, Fam. Capsidae). Tl. 2. HÜEBER Stuttgart Jahreshefte Ver. Natk. 64 pp. 102-186.

Classification of *Capsidae*; REUTER Festschrift für Palmén No. i.

Gen. ? n. *longicornis* **sp. n.** W. Africa, GRAHAM p. 113 pl. viii figs. 1 & 2 J. econ. Biol. 3.

Adelphocoris lineolatus, metamorphose, Eiablage, Lebensweise, Schaden, VASILJEV Trd b. entom. učen. Kom. Gl. Upr. Zeml. 7 4 p. 18.—*A. flaviventris* p. 487, *decoratus* p. 488, **spp. n.** Amuria Ussuri, REUTER St. Peterburg Ann. Mus. zool. 12.

Allodapus aethiopicus **sp. n.** Congo, REUTER Helsingfors Öfvers. F. Vet. Soc. 49 No. 7 1907 p. 25.

Anthropophagiotes **gen. n.** *Pilophrini*, *thanatopharus* **sp. n.** Fiji, KIRKALDY Sydney Proc. Linn. Soc. 33 p. 378.

Atomoscelis diaphanus **sp. n.** Jamaica, REUTER Helsingfors Öfvers. F. Vet. Soc. 49 No. 5 p. 24.

Baculodema **gen. n.** near *Picinus* p. 12, *luridum* **sp. n.** Jamaica p. 13, REUTER Helsingfors Öfvers. F. Vet. Soc. 49 No. 5 1907.

Boopidella **gen. n.** p. 24, *fasciata* **sp. n.** Insula Pemba p. 25, REUTER T.c. No. 7.

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Capsus halimocnemis Becker = *Malthacosoma punctipenne* Reut., *C. kirgisicus* Beck. = *Psallopsis kirgisicus* Frey, *C. freyi* Beck. = *Megalosoleus chrysostrichus* Jak., *C. nigripes* Kousch. = *Adelphocoris triannulatus* var. *nigriceps* J. Sahlb., *C. schrenki* Kousch. = *Ad. reicheli* Fieb., *C. 4-notatus* Kousch. = *Ad. lineolatus* var. *bisbipunctatus* Reut., *C. infuscatus* Kousch. = *Ad. tenebrosus* Reut., *C. frater* Kousch. = *Deraecoris ater* Jak., REUTER St. Peterburg Ann. Mus. zool. 12 pp. 541-545.

Ceratocapsus nigro-piceus p. 13, *consimilis* p. 14, **spp. n.**, Jamaica, REUTER Helsingfors Öfvers. F. Vet. Soc. 49 No. 5.

Charitocoris bipuncticollis **sp. n.** Caput Bonae Spei, REUTER T.c. No. 7.

Corigidolon **gen. n.** p. 2, *motaticolle* **sp. n.** Mauritius p. 4, REUTER T.c.

Cyrtocapsidea irrorata **sp. n.** Jamaica, REUTER No. 5 p. 9 T.c.

Cyrtopeltis nicotianae **sp. n.** Fiji, KIRKALDY Sydney Proc. Linn. Soc. **33** p. 377.

Cystecorrhacha **gen. n.** Bryocorini, *cactifera* **sp. n.** Queensld., KIRKALDY op. cit. **32** p. 785 pl. xliii f. 6-7.

Deraecoris flaviventris Kousch. = *Adelphocoris flaviventris* Reut., REUTER St. Petersburg Ann. Mus. zool. **12** pp. 541-545.

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Eurocrypha **gen. n.** near *Isometopus*, *thanatochlamys* **sp. n.** Bundaberg, KIRKALDY op. cit. **32** p. 784.

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Fulvius discifer **sp. n.** Insula Funda, REUTER Helsingfors Öfvers. F. Vet. Soc. **49** No. 7 1907 p. 22.

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Hemisphaerodella **gen. n.** *Bryocoraria* p. 297, *mirabilis* **sp. n.** Cuba & San Domingo p. 298, REUTER Entomol. Ztg. **27** p. 297.

Hyalochloria **gen. n.** div. *Cyllocoraria* p. 18, *caviceps*, *unicolor*, p. 20, **spp. n.**, Jamaica, REUTER Helsingfors Öfvers. F. Vet. Soc. **49** No. 5.

Hyaloseytus elegantulus Reuter var. n. *filicicola* Fiji, KIRKALDY Sydney Proc. Linn. Soc. **33** p. 377.

Isometopus pulchellus p. 128 eastern United States, *signatus* p. 129 Texas, *unicolor* p. 130 Arizona, **spp. n.**, HEIDEMANN Washington Proc. Ent. Soc. **9**.

Laemocoris sinuaticollis **sp. n.** Congo, REUTER Helsingfors Öfvers. F. Vet. Soc. **49** No. 7 1907 p. 23.

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Leucopocila **gen. n.** p. 24, *albofasciata* p. 26 **sp. n.** Jamaica, REUTER T.c.

Lygidolon **gen. n.**, *laevigatum* **sp. n.** Africa orientalis, REUTER No. 7 p. 15 T.c.

Lygus (*Orthops*) *thomasi* p. 12 Africa orientalis, *v.-flavum* p. 13 Terra Capensis, **spp. n.**, REUTER T.c.—*L. aeruginosus* p. 5, *olivaceus*, *subspectus*, p. 6, *cunealis* p. 7, **spp. n.**, Jamaica, REUTER No. 5 T.c.

Megacoelum macrophthalmum **sp. n.** Africa orientalis, REUTER No. 7 p. 5 T.c.

Melanostictus **gen. n.** div. *Cyllocoraria* p. 17, *van duzei* p. 18 **sp. n.** Jamaica, REUTER No. 5 T.c.

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XIII. PROCHORDATA

incl. ENTEROPNEUSTA

ARRANGED BY

I. B. J. SOLLAS

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XIV. VERTEBRATA

(GENERAL)

i.e., complementary to Mammalia, Aves, Reptilia, and Pisces

ARRANGED BY

D. SHARP

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C. L. BOULENGER

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XVI. REPTILIA AND BATRACHIA

ARRANGED BY

C. L. BOULENGER

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R. BOWDLER SHARPE, LL.D.

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Is., HULL Sydney Proc. Linn. Soc. **33** p. 286.—*L. cachinnans*, *affinis* Reinh. Gouv. St. Petersburg, BIANCHI St. Petersburg Ann. mus. zool. **13** pp. xxxvi-xlv.—*L. marinus*, unusual nesting site, WARREN Zoologist **1908** p. 396; neue Art der ungarischen Ornis, U.O.C. Aquila Budapest **1908** p. 317.—*L. glaucus* at Fair Isle, CLARKE Ann. Scott. Nat. Hist. Edinburgh **1908** p. 84.—*L. eburnea* on the River Eden, PARKER Zoologist **1908** p. 145.

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Himantopus himantopus, in Ungarn, CHERNEL Aquila **14** 1907 p. 181.

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Phalaropus hyperboreus in the Solway area, SERVICE Ann. Scott. Nat. Hist. Edinburgh 1908 p. 120.—*P. lobatus* in Ungarn, CHERNEL Aquila 14 1907 p. 181; Ufer des Schwarzen Meeres, KOBVLIN Tiflis Mitth. Kauk. Mus. 3 p. 303.

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Oedienemus oedienemus in Ungarn, CHERNEL Aquila **14**, 1907 p. 181.—*O. oedienemus insularum* subsp. n. Canary Islands, SASSI Ornith. Jahrb. Hallein **19** p. 32–34.

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Grus communis in Anglesey, NEWSTEAD British Birds **2** p. 62.—*G. grus lilfordi* Eier, JOHANSEN Tomsk Izv. Univ. **30** p. 160.—*G. leucogeranus* breeding in Northern Siberia, DRESSER Ibis **1908** p. 595.—*G. antigone* in captivity, SETH-SMITH Avicult. Mag. Brighton **2** **6** p. 243.

Anthropoides leucauchen breeding in confinement, BLAAUW Ibis 1908 p. 481.

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Geronticus eremita, Vorkommen, Merk male, HERMAN Aquila **14** pp. xxxiii–xliv.

Comatibis eremita in Europa, KLEIN-SCHMIDT Falco **4** pp. 42–44.

Plegadis falcinellus North Devon, FENWICK Zoologist **1908** p. 395; on Northumberland Coast, GILL t.c. p. 394; Aberdeenshire, INGRAM t.c. p. 113; Ayrshire, ROBERTSON Ann. Scott. Nat. Hist. Edinburgh **1908** p. 119; Cornwall, WITHERBY British Birds **2** p. 244; Ungarn, CHERNEL Aquila **14** p. 181.—*Ibis falcinellus* in Orkney, ROBINSON Ann. Scott. Nat. Hist. Edinburgh **1908** p. 50; at Speymouth, Muirhead, l.c.

Platalea leucorodia. West Scotland, CLARKE Ann. Scott. Nat. Hist. Edinburgh **1908** p. 50; in Ireland, BRIDGEMAN Dublin Irish Nat. **17** p. 101.

Ciconia; Fabel vom „Weisenstorch“, DALMADY Termt. Közl. **40**, p. 66; *C. ciconia*, Schaden, RÁCZ Aquila **14** p. 327; capture of marked specimens, THIENEMANN Ornith. Monatsbr. Berlin **16** pp. 6, 7; marked bird from Rossiten on Lake Chad, id. t.c. (120); marked specimen from Rossiten, noticed in Rhodesia, id. t.c. p. 63; return of marked birds, id. t.c. p. 153; Zug Lübeck, HAGEN, Ornith. Monatsber. **16**, p. 169. *C. alba*, Note. BARTHOS Aquila **1908** p. 310; method of feeding young, CERVA t.c. p. 311; Nistweise BRAUN Königsberg Schr. physik. Ges. **49** pp. 280–290; Zweckmässigkeit und natürliche Zuchtwahl. BÜTOW Ornith. Monatschr. **33** pp. 231–236; DETMERS t.c. pp. 305–309; Rückkehr, GROTE Zs. Oologie **18** p. 134; Neste, KRECKLER t.c. p. 17; LÜHE Königsberg Schr. physik. Ges. **49** pp. 83–88; in Hessen-Nassau, SCHUSTER Wiesbaden Jahrb. Ver. Natk. **61** pp. 143–153.—*C. nigra* in Ungarn, CHERNEL Aquila **14** p. 182.

†*Pelargopsis stehlini* p. 82 fig. 21 et pl. iv figs. 5–8; *P. trouessarti* p. 84, fig. 22 et pl. iv. figs. 9–12, spp. n., France, GAILLARD Ann. Univ. Lyon **1908** pp. 82–86.

Xenorhynchus asiaticus auf Java, BARTELS Ornith. Monatsber. **16**, p. 165.

Balaeniceps rex, history, FLOWER Avicult. Mag. Brighton **2** **6** pp. 191–201 pl.

Ardeidae; Habits of Australian Herons, MATTINGLEY Emu **7** pp. 152–155 pl. xi.

Ardea purpurea Caitlness, PATERSON Ann. Scott. Nat. Hist. **1908** p. 199 & British Birds **2** p. 244.—*A. cinerea*, nesting places in Scotland, WATT Ann. Scott. Nat. Hist. Edinburgh **1908** pp. 218–223 & British Birds, **2** p. 244; wie fischit *Ardea cinerea*, DETMERS Ornith. Monatschr. **33** pp. 211–216 & HELLER t.c. pp. 412–414.—*A. herodias* subsp. n. *treganzai* Utah, COURT Auk **25** p. 291 2 pls.; *A. herodias*, New York, REINECKE Buffalo Bull. Soc. Nat. Sci. **9** pp. 3–16, illustr.; notes, CARRIGER and PEMBERTON Condor **10** pp. 71–81, text fig.

Mesophoyx plumifera, nest and eggs, NORTH Sydney Proc. Linn. Soc. **32** p. 629; eggs, MATTINGLEY Emu **8** p. 41.

Herodias egretta, CHAPMAN Bird Lore **10** pp. 59-68, illustr. text fig.; *A. egretta*, New Jersey, HOWE Auk **25** p. 473.

Egretta candidissima, SASS Bird Lore **10** pp. 160-162; South Carolina, SASS Auk **25** p. 313.

Nycticorax griseus in Ireland, WILLIAMS Zoologist **1908** p. 33.—*N. leuconotus* near Port Elizabeth, FITZSIMONS Pretoria J. S. Afric. Ornith. Union **4** p. 40.

Ardetta bryani sp. n. Marianas, SEALE Honolulu Occ. Papers Bernice Pauahi Bishop Mus. **1** No. 3, 1901. p. 27.—*A. minuta*, in Hungary, GRESCHIK Aquila **1908** p. 327.—*A. neoxena*, Ohio, JONES Wilson Bull. **20** p. 50.

Botaurus stellaris, in East Lothian, BONAR Ann. Scott. Nat. Hist. Edinburgh **1908** p. 183 and British Birds **2** p. 140; also EVANS Ann. Scott. Nat. Hist. Edinburgh **1908** p. 119; near Singapore, HANITSCH Rep. Raffles Library and Museum p. —.—*B. stellaris orientalis*, Ostasien, BUTURLIN Naša ochota **1908** 9 p. 9.

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Chrysolampis giglioli = *C. moschitus*, *Florisuga mellivora*, *Amazilia æneobrunnea* = *Chlorostilbon gibsoni* × *C. moschitus*, SIMON & HELLMAYR Nov. Zool. **15** p. 2. iid. *Tom. cit.* p. 2.

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Indicator minor senegalensis subsp. n. Senegambia, NEUMANN London Bull. Brit. Ornith. Cl. **21** p. 43.—*I. theresae* sp. n. Equatorial Africa, ALEXANDER t.c. p. 90, *I. major* = *I. indicator* Id. t.c. p. 91.—*I. variegatus jubaensis* subsp. n. South Somali Land, NEUMANN t.c. p. 97.—*I. archipelagicus inornatus* subsp. n. Malacca, Id. l.c.

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SUB-ORDER PICI.

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Picus viridis eine starke Schnabel-anomalie. LESMÜLLER München Verh. ornith. Ges. **8** p. 169 2 Taf.

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Formicarius castaneiceps sp. n. Costa Rica, CARRIKER Pittsburg Ann. Carnegie Mus. **4** p. 301.

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Knipolegus aterrimus ockendeni subsp. n. Carabaya Peru. HARTERT London Bull. Brit. Ornith. Cl. **23** p. 11.

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Lighthouse, CLARKE Ann. Scott. Nat. Hist. Edinburgh **1908** pp. 49–50 & 82; in N. Germany and Heligoland, remarks, KROHN Ornith. Monatsber. **16** pp. 12, 13, 122, 123; male in full plumage in September at Cley, Norfolk, RICHARDS London Bull. Brit. Ornith. Cl. **23** p. 28 & British Birds **2** p. 200; in Ungarn, CHERNEL Aquila p. (185).

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Ixonotus guttatus Kassongo on the Upper Congo, GRANT Ibis **1908** p. 302.

Molpastes nigrathi sp. n. Bannu N.W. frontier of India, WHITEHEAD London Bull. Brit. Ornith. Cl. **21** p. 48.

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Pseudotharrhaleus griseipectus sp. n. Philippines, MEARN'S Washington Proc. Biol. Soc. **18** 1905 p. 2.

Macrosphenus leoninus sp. n. Sierra Leone, NEUMANN London Bull. Brit. Ornith. Cl. **23** p. 46.

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Bathmedonia fuscipennis Sharpe is the young of *B. rufa* Reichenow, SHARPE Ibis **1908** p. 122.

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Olbiorchilus fumigatus subsp. n., *idius* Richmond, China, BLACKWELDER Washington Carnegie Inst. Pub. No. **54** Vol. 1 Pt. 2 1907 p. 498.

Thryorchilus basulto sp. n. Costa Rica, RIDGWAY Washington Proc. Biol. Soc. **21** p. 191.

Henicorhina leucophrys guttata Harl. is from Western Colombia, remarks on allied species, BANGS P. Biol. Soc. Washington **21** p. 159.

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Cinclocerthia ruficanda subspp. n., *tenebrosa* p. 112, and *pavida* p. 113, West Indies, RIDGWAY Washington Smithsonian Inst. Misc. Collect. Q. **47** 1904.

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A sketch of the Thrushes of North America, DWIGHT Bird Lore **9** 1907 pp. 103–109 maps and pl.

The migration of Thrushes, COOKE Bird Lore **9** 1907 pp. 121–125, 166, 205.

Myadestes genibarbis subsp. n. *cherriei* Haiti, RIDGWAY Washington Smithsonian Inst. Misc. Collect. Q. **47** 1904 p. 112.

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Cichloselys (Oreocincla) sibirica davisoni breeding in Saghalin, LÖNNBERG J. Sci. Coll. Tokyo **23** Art. 14 p. 28.

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Accentor modularis, breeding in confinement, TESCHEMAKER Avicult. Mag. Brighton **26** pp. 92–96; unfinished nest with egg of *Cuculus canorus*, ELLISON London Bull. Brit. Ornith. Cl. **21** p. 101.

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Ruticilla phoenicurus, REY Ornith. Monatschr. **33** pp. 274–276; *R. phoenicura mesoleuca*, in Ungarn, CHERNEL Aquila **14** p. 187.

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Cyanecula suecica, Fair Isle, CLARKE Ann. Scott. Nat. Hist. Edinburgh **1908** pp. 49 & 82; Überwinterung in Ungarn, NAGY Aquila **14** p. 340; *C. suecica typica* and *C. s. leucocyanus*, in Egypt, NICOLL Ibis **1908** pp. 491–493; *C. suecica robusta* Alaska, BUTURLIN Auk. **25** pp. 35–37.

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Calliope kamtschatkensis in Italien, BEAUX Ornith. Monatschr., **33** pp. 431–434 1 Taf.

Cossypha haagneri S. Africa, GUNNING Ann. Transvaal Mus. **1** (no paging).—

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ARRANGED BY

R. LYDEKKER

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LIST OF ABBREVIATIONS WITH TITLES OF THE JOURNALS.

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<i>Abeille, Paris ...</i>	Abeille (l'). Sec. Bedel, Paris. [irrégul.]	2 Fr.
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<i>Adelaide, S. Aust., Proc. R. Soc.</i>	Proceedings of the Royal Society of S. Australia, Adelaide.	5 S. Aus.
<i>Adelaide, S. Aust., Trans. R. Soc.</i>	Transactions of the Royal Society of S. Australia, Adelaide.	6 S. Aus.
<i>Agric. Exp. Sta., Agricultural Coll., Bull.</i>	Agricultural Experimental Station. Agricultural College. Bulletin.	— U.S.
<i>Agric. Exp. Sta., Arizona, Tucson, Bull.</i>	University of Arizona. Arizona Agricultural Experiment Station, Tucson. Bulletin.	— U.S.
<i>Agric. Exp. Sta., California, Berkeley, Bull.</i>	Agricultural Experiment Station of California, Berkeley. Bulletin.	— U.S.
<i>Agric. Exp. Sta., California, Berkeley, Cir.</i>	Agricultural Experimental Station. California, Berkeley. Circular.	— U.S.
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<i>Arb. neurol. Inst. Wien, Leipzig</i>	Arbeiten aus dem neurologischen Institute (Institut für Anatomie und Physiologie des Centralnervensystems) an der Wiener Universität. Hrsg. v. H. Obersteiner. Leipzig u. Wien. [zwanglos.]	— Ger.
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<i>Grahamstown, Rec. Albany Mus.</i>	Records of the Albany Museum, Grahamstown, Cape Colony.	12 S. Afr.
<i>Granville, Ohio, Bull. Sci. Lab. Denison Univ.</i>	Bulletin of the Scientific Laboratories of Denison University, Granville, Ohio.	160 U.S.
<i>Graz, Mitt. Natw. Ver. Steierm.</i>	Mitteilungen des Naturwissenschaftlichen Vereines für Steiermark. Red. v. C. Doelter. Graz. [jähr.]	119 Aus.
<i>Greifswald, Jahresber. geogr. Ges.</i>	Jahresbericht der geographischen Gesellschaft zu Greifswald. Greifswald. [mehrjähr.]	534 Ger.
<i>Greifswald, Mitt. natw. Ver.</i>	Mittheilungen aus dem naturwissenschaftlichen Verein für Neu-Vorpommern und Rügen in Greifswald. Berlin. [jähr.]	535 Ger.
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<i>Güstrow, Arch. Ver. Natg.</i>	Archiv des Vereins der Freunde der Naturgeschichte in Mecklenburg. Güstrow. [jähr.]	537 Ger.

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<i>Melbourne, Trans. R. Soc. Vict.</i>	Transactions of the Royal Society of Victoria, Melbourne.	— Vict.
<i>Mem. Geol. Surv. Ind., Calcutta</i>	Memoirs of the Geological Survey of India, Calcutta.	22 Ind.
<i>Mem. Geol. Surv. U. K., London</i>	Memoirs of the Geological Survey of the United Kingdom, London, Glasgow, etc.	327 U.K.
<i>Mém. Mus. Belgique, Bruxelles</i>	Royal d'histoire naturelle de Belgique, Bruxelles.	— Bel.
<i>Mem. Mus. Goeldi, Pará ...</i>	Memorias do Museu Goeldi (Museu paraense) de historia natural e ethnographia, Pará.	— Brazil.
<i>Meriden, Conn., Trans. Sci. Ass.</i>	Transactions of the Meriden Scientific Association, Meriden, Conn.	226 U.S.

<i>Mess. méd. vétérin. soc., St. Peterburg</i>	Вѣстникъ общественной ветеринарии. О.-Петербургъ [Messenger de Médecine vétérinaire sociale. St. Pétersbourg].	— Rus.
<i>Met. Zs., Braunschweig ...</i>	Meteorologische Zeitschrift. Hrsg. im Auftrage der k. k. österreichischen Gesellschaft für Meteorologie und der Deutschen meteorologischen Gesellschaft. Red. v. J. Hahn und G. Hellmann. Braunschweig. [monatl.]	— Ger.
<i>Metz, Bul. soc. hist. nat. ...</i>	Bulletin de la société d'histoire naturelle de Metz. Metz. [unbestimmt.]	— Ger.
<i>Mexico, Bol. Inst. Geol. ...</i>	Boletín del Instituto Geológico de Mexico.	— Mex.
<i>Mexico, Mem. Soc. Ant. Alzate</i>	Memorias de la Sociedad Científica "Antonio Alzate." Mexico. 8vo.	— Mex.
<i>Michigan, Rep. Geol. Surv., Lansing</i>	Reports of the Michigan Geological Survey, Lansing.	230 U.S.
<i>Microgr. prépar., Paris ...</i>	Micrographe (le) préparateur. Dir. Tempère. Paris. [bimestr.]	493 Fr.
<i>Mikrokosmos, Stuttgart ...</i>	Mikrokosmos. Zeitschrift zur Förderung wissenschaftlicher Bildung hrsg. v. d. Deutschen mikrologischen Gesellschaft. Stuttgart. [Hefte jährl.]	— Ger.
<i>Milano, Atti Soc. ital. sc. nat.</i>	Atti della Società italiana di scienze naturali, e del museo civico di Storia naturale, Milano.	102 It.
<i>Milano, Mem. Ist. lomb. ...</i>	Memorie dell' Istituto lombardo di scienze e lettere, Milano.	104 It.
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<i>Milano, Rend. Ist. lomb. ...</i>	Rendiconti dell'Istituto lombardo di scienze e lettere, Milano.	106 It.
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<i>Minnesota, Bull. Geol. Surv., St. Paul</i>	Bulletin of the Minnesota Geological and Natural History Survey, St. Paul.	251 U.S.
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<i>Missoula, Bull. Univ. Mont.</i>	Bulletin University of Montana. Missoula, Mont.	552 U.S.

<i>Missouri, Rep. Geol., Jefferson City</i>	Biennial Report of the State Geologist, Jefferson City, Mo.	259 U.S.
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<i>Mon. Rev., London ...</i>	Monthly Review, London ...	332 U.K.
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<i>Moskva, Bull. Soc. Nat. ...</i>	Bulletin de la Société Impériale des Naturalistes de Moscou.	136 Rus.
<i>Moskva, Dnev. otd. icht. Imp. R. Obšč. acclimat.</i>	Дневникъ отдѣла ихтіологіи Императорскаго Русскаго Общества акклиматизаціи животныхъ и растеній. Москва [Journal de la section ichthyologique de la Société Impériale Russe d'acclimatation des plantes et des animaux. Moscou].	422 Rus.
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<i>Moskva, Dnev. zool. Sada ...</i>	Дневникъ зоологическаго сада. Москва [Messenger du Jardin zoologique. Moscou].	— Rus.
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<i>Moskva, Nouv. Mém. Soc. Nat.</i>	Nouveaux Mémoires de la Société Impériale des Naturalistes de Moscou.	141 Rus.
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<i>Ochotn. věstn., Moskva ...</i>	Охотничій Вѣстникъ. Москва [Messenger de chasse, Moscou].	— Rus.
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<i>Öst. Bot. Zs., Wien... ...</i>	Oesterreichische Botanische Zeitschrift. Herausgeg. u. red. v. Richard R[itter] Wettstein v[on Westersheim]. Wien. [monatl.]	231 Aus.
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<i>Tōkyō, Nip. Sanshi Kw. Hō.</i>	Tōkyō, Dai Nippon Sanshi Kwai Hō. (Journal of the Japanese Sericultural Association.)	— Jap.
<i>Tōkyō, Proc. Dept. Nat. Hist.</i>	Tōkyō, Proceedings of the Department of Natural History, Tōkyō Imperial Museum.	— Jap.
<i>Tomsk, Izv. Univ.</i> ...	Извѣстія Императорскаго Томскаго Университета. Томскъ [Bulletin de l'Université Impériale de Tomsk.]	316 Rus.
<i>Topeka, Trans. Kan. Acad. Sci.</i>	Transactions of the Kansas Academy of Science, Topeka.	446 U.S.
<i>Torino, Atti Acc. sc.</i> ...	Atti della R. Accademia delle scienze, Torino.	220 It.
<i>Torino, Boll. Musei zool. anat.</i>	Bollettino dei Musei di zoologia e di anatomia comparata della R. Università, Torino.	224 It.
<i>Torino, Giorn. Acc. med.</i> ...	Giornale della R. Accademia di medicina, Torino.	226 It.
<i>Torino, Mem. Acc. sc.</i> ...	Memorie della R. Accademia delle scienze, Torino.	228 It.
<i>Toronto, Proc. Canad. Inst.</i>	Proceedings of the Canadian Institute, Toronto.	33 Can.
<i>Toronto, Rep. Ent. Soc. Ont.</i>	Annual Report of the Entomological Society of Ontario, Toronto.	— Can.
<i>Toronto, Stud. Univ. Biol. Ser.</i>	Studies from the University of Toronto, Biological Series.	36 Can.
<i>Toronto, Stud. Univ. Geol. Ser.</i>	Studies from the University of Toronto, Geological Series.	— Can.
<i>Toronto, Stud. Univ. Physiol. Ser.</i>	Studies from the University of Toronto, Physiological Series.	38 Can.
<i>Toronto, Stud. Univ. Psychol. Ser.</i>	Studies from the University of Toronto, Psychological Series.	37 Can.
<i>Toronto, Trans. Canad. Inst.</i>	Transactions of the Canadian Institute, Toronto.	40 Can.

<i>Toulouse, Bul. soc. hist. nat.</i>	Bulletin de la société d'histoire naturelle de Toulouse (Haute-Garonne). [trimestr.]	815 Fr.
<i>Toulouse, Bul. soc. sci. phys. nat.</i>	Bulletin de la société des sciences physiques et naturelles de Toulouse (Haute-Garonne).	817 Fr.
<i>Toulouse, Bul. stat. pisc. hydrobiol.</i>	Bulletin de la station de pisciculture et d'hydrobiologie de l'Université de Toulouse. Toulouse.	— Fr.
<i>Toulouse, Mém. Acad. sci. inscrip.</i>	Mémoires de l'Académie des sciences, inscriptions et belles lettres de Toulouse (Haute-Garonne). [annuel.]	822 Fr.
<i>Trav. Lab. étud. soie, Lyon</i>	Travaux du Laboratoire d'études de la soie, fondé par la Chambre de commerce de Lyon par la commission administrative. Lyon.	— Fr.
<i>Trav. Lab. géol., Grenoble</i>	Travaux du laboratoire de géologie de l'Université de Grenoble, Grenoble.	— Fr.
<i>Trav. mém. Fac. Lille</i> ...	Travaux et mémoires des Facultés de Lille (Nord).	834 Fr.
<i>Trav. Sect. géolog. Cab. S. M. I., St. Peterburg</i>	Труды геологической части кабинета Его Императорскаго Величества. С.-Петербургъ [Travaux de la Section géologique du Cabinet de Sa Majesté Impériale. St.-Pétersbourg.]	319 Rus.
<i>Trav. sect. Troick.-Kjacht. Russ. Geogr., St. Peterburg ou Moskva</i>	Труды Троицкосавско-Кяхтинскаго отдѣла. Приамурскаго отдѣла Императорскаго русскаго Географическаго Общества. С.-Петербургъ или Москва [Travaux de la subdivision de Troizkosavsk-Kjachta de la Section du territoire de l'Amour de la Société Impériale russe de Géographie. St. Pétersbourg ou Moscou].	155 Rus.
<i>Trav. Univ., Rennes</i> ...	Travaux scientifiques de l'Université de Rennes, Rennes. [Reprinted from Rennes Bull. soc. sci.]	— Fr.
<i>Trd. B. entom. Učen. Kom. Gl. Upr. Zeml., St. Peterburg</i>	See No. 444 (following journal) ...	— Rus.
<i>Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg</i>	Труды Бюро по энтомологин Ученаго Комитета Министерства Земледѣлія и Государственныхъ Имуществъ. С.-Петербургъ [Travaux du Bureau entomologique du Comité scientifique du Ministère d'Agriculture et des Domaines. St.-Pétersbourg.]	444 Rus.
<i>Trd. Kavk. ŝelkorodstv. st., Tiflis</i>	Труды Кавказской шелководственной станціи. Тифлисъ [Travaux de la station Caucasienne séricicole. Tiflis].	320 Rus.

<i>Trd. lěsn. opytn. dělů, St. Peterburg</i>	Труды по лѣсному опытному дѣлу въ Россіи [Mitteilungen aus dem forstlichen Versuchswesen Russlands. St. Peterburg].	— Rus.
<i>Trd. Troick.-Kjacht. Otd. Russ. Geogr. Obšč., Moskva</i>	Труды Троицкосавскаго-Кяхтинскаго отдѣленія Приамурскаго отдѣла Императорскаго русскаго Географическаго Общества. Москва [Travaux de la subdivision de Troickosavsk-Kjachta de la Section du territoire de l'Amour de la Société Impériale russe de Géographie. Moscou].	155 Rus.
<i>Trencsén m. termt. társ. évk.</i>	Trencsén megyei természettudományi társulat évkönyvei. Trencsén. [Jahrbuch des trencsiner naturwissenschaftlichen Vereins, Trencsén.]	17 Hun.
<i>Trieste, Boll. Soc. Adriat. Sci. Nat.</i>	Bollettino della Società Adriatica di Scienze Naturali in Trieste. Red. Antonio Valle. Trieste. [irregol.]	376 Aus.
<i>Tromsø Mus. Aarsh. ...</i>	Aarshefter fra Tromsø Museum, Tromsø.	27 Nor.
<i>Trondhjem, kgl. Vid. selsk. Skr.</i>	Det kongelige norske Videnskabernes Selskabs Skrifter, Trondhjem.	28 Nor.
<i>Truro, J. R. Inst. Cornwall</i>	Journal of the Royal Institution of Cornwall, Truro.	420 U.K.
<i>Tübingen, Arb. path. Inst.</i>	Arbeiten auf dem Gebiete der pathologischen Anatomie u. Bakteriologie aus dem pathologisch-anatomischen Institut zu Tübingen, hrsg. v. v. Baumgarten. Braunschweig. [zwanglos.]	1059 Ger.
<i>Tübingen, Bl. Albver. ...</i>	Blätter des schwäbischen Albvereins. Tübingen. [monatl.]	1060 Ger.
<i>Tuft's College, Mass., Tuft's Coll. Stud.</i>	Tuft's College Studies. (Scientific Series.) Tuft's College, Mass.	— U.S.
<i>Turkest. sel'sk. choz., Taškent</i>	Туркестанское сельское хозяйство. Ташкентъ [Agriculture du Tourkestan. Tachkent].	— Rus.
<i>Turkest. Věd., Taškent, ...</i>	Туркестанскія Вѣдомости. Ташкентъ [Bulletin de Turkestan. Tachkent].	328 Rus.
<i>Ulm, Jahreshefte Ver. Math.</i>	Jahreshefte der Vereins für Mathematik und Naturwissenschaften zu Ulm. [unbestimmt.]	1066 Ger.
<i>Umschau, Frankfurt a. M.</i>	Die Umschau. Uebersicht über die Fortschritte und Bewegungen auf dem Gesamtgebiet der Wissenschaft, Technik, Litteratur und Kunst, hrsg. v. Bechhold. Frankfurt a. M. [wöch.]	1068 Ger.
<i>Upsala, Bull. Geol. Inst. ...</i>	Bulletin of the Geological Institution of the University of Upsala. Edited by Hj. Sjögren. Upsala. 8vo.	55 Swe.

<i>Urbana, Bull. Ill. Lab. Nat. Hist.</i>	Bulletin of the Illinois State Laboratory of Natural History, Urbana and Champagne.	448 U.S.
<i>Urbana, Stud. Univ. Ill. ...</i>	University Studies. University of Illinois, Urbana.	451 U.S.
<i>Utrecht, Onderz. Physiol. Lab.</i>	Onderzoekingen gedaan in het physiologisch Laboratorium der Utrechtsche Hoogeschool. Utrecht. 8vo.	54 Hol.
<i>Varšava, Izv. Univ. ...</i>	Варшавскія университетскія извѣстія. Варшава [Bulletin de l'Université Impériale de Varsovie].	331 Rus.
<i>Varšava, Rab. zool. kab. Univ.</i>	Работы изъ зоологическаго кабинета Варшавскаго Университета. Варшава. [Travaux du cabinet zoologique de l'Université de Varsovie. Varsovie.]	— Rus.
<i>Varšava, Trav. soc. nat. Proc. verb. réun. gén.</i>	Труды Варшавскаго Общества естествоиспытателей. Протоколы общаго собранія. Варшава [Travaux de la société des naturalistes de Varsovie. Procès-verbaux de la réunion générale].	336 Rus.
<i>Varšava, Trd. Obšč. jest. ...</i>	Труды Варшавскаго Общества естествоиспытателей. Варшава [Travaux de la Société des naturalistes de Varsovie].	336 Rus.
<i>Venezia, Atti Ist. ven. ...</i>	Atti del R. Istituto veneto di scienze, lettere ed arti, Venezia.	235 It.
<i>Venezia, Mem. Ist. ven. ...</i>	Memorie del R. Istituto veneto di scienze, lettere ed arti, Venezia.	236 It.
<i>Verh. D. KolKongr., Berlin</i>	Verhandlungen des deutschen Kolonialkongresses. Berlin.	— Ger.
<i>Verh. D. otol. Ges., Jena</i>	Verhandlungen der deutschen otologischen Gesellschaft. Jena. [jährh.]	1080 Ger.
<i>Verh. D. path. Ges., Berlin</i>	Verhandlungen der deutschen pathologischen Gesellschaft. Berlin. [jährh.]	1081 Ger.
<i>Verh. D. zool. Ges., Leipzig</i>	Verhandlungen der deutschen zoologischen Gesellschaft. Leipzig. [jährh.]	1082 Ger.
<i>Verh. Ges. D. Natf., Leipzig</i>	Verhandlungen der Gesellschaft deutscher Naturforscher und Aerzte. Leipzig. [jährh.]	1083 Ger.
<i>Vermont, Rep. Geol., Burlington</i>	Report of the State Geologist on the Mineral Industries and Geology of certain areas of Vermont. Burlington.	585 U.S.
<i>Versailles, Mém. soc. sci. nat.</i>	Mémoires de la société des sciences naturelles et médicales de Seine-et-Oise. Versailles (Seine-et-Oise). [trimestr.]	847 Fr.
<i>Versl. Staat Ned. Zeevissch., 's Gravenhage</i>	Verslag van den Staat der Nederlandsche Zeevisscherijen, 's Gravenhage. 4to.	56 Hol.

<i>Věst. Obšč. pčelovod., St. Peterburg</i>	Вѣстникъ русскаго общества пчеловодства. С.-Петербургъ [Messager de la Société russe d'apiculture. St.-Petersbourg].	344 Rus.
<i>Věst. rybopromyšl., St. Peterburg</i>	Вѣстникъ рыбопромышленности; органъ Русскаго Общества рыбоводства и рыболовства. С.-Петербургъ [Messager du commerce de poissons; organe de la Société russe de pisciculture et de pêche. St.-Petersbourg].	354 Rus.
<i>Věst. sacharn. promyšl., Kiev</i>	Вѣстникъ сахарной промышленности. Кіевъ [Messager de l'industrie du sucre. Kiev].	355 Rus.
<i>Věst. znan., St. Peterburg...</i>	Вѣстникъ знанія. С.-Петербургъ [Messager des sciences. St.-Petersbourg.]	— Rus.
<i>Veterin. vrač, St. Peterburg</i>	Ветеринарный врачъ. С.-Петербургъ [Le vétérinaire. St. Peterburg].	— Rus.
<i>Vict. Dept. Mines, Bull. Geol. Surv., Melbourne</i>	Victoria, Department of Mines. Bulletins of the Geological Survey, Melbourne.	— Vict.
<i>Vict. Dept. Mines, Mem. Geol. Surv., Melbourne</i>	Victoria, Department of Mines. Memoirs of the Geological Survey of Victoria. Melbourne.	— Vict.
<i>Vict. Dept. Mines, Rec. Geol. Surv., Melbourne</i>	Victoria, Department of Mines. Records of the Geological Survey of Victoria, Melbourne.	— Vict.
<i>Vict. J. Dept. Agric., Melbourne</i>	Journal of the Department of Agriculture, Victoria. Melbourne.	23 Vict.
<i>Vict. Nat., Melbourne ...</i>	The Victorian Naturalist. Melbourne ...	19 Vict.
<i>Vladimir, Trd. Obšč. ĭub. jest.</i>	Труды Владимірскаго Общества любителей естествознанія. Владиміръ [Travaux de la Société des amateurs des sciences naturelles de Vladimir, Vladimir].	— Rus.
<i>Vortr. EntwMech., Leipzig</i>	Vorträge und Aufsätze über Entwicklungs-mechanik der Organismen. Hrsg. v. W. Roux. Leipzig. [zwangl.]	— Ger.
<i>W. Amer. Sci., San Diego, Cal.</i>	West American Scientist, San Diego, Cal.	454 U.S.
<i>Waidmannsheil, Klagenfurt</i>	Waidmannsheil. Illustrierte Zeitschrift für Jagd, Fischerei, Schützen- und Hundewesen. Red. v. Friedrich Leon. Klagenfurt. [$\frac{1}{2}$ monatl.]	398 Ger.
<i>Warszawa, Spraw. Tow. Nauk.</i>	Sprawozdania Towarzystwa Naukowego Warszawskiego. [Proceedings of the Scientific Society in Warsaw. Warsaw.]	— Pol.
<i>Warwick, Proc. F. Cl. ...</i>	Proceedings of the Warwickshire Naturalists' and Archæologists' Field Club, Warwick.	424 U.K.
<i>Washington, D.C., Bull. Phil. Soc.</i>	Bulletin of the Philosophical Society of Washington, Washington, D.C.	456 U.S.

Washington, D.C., <i>Bull.</i> U. S. Dept. Agric. Bur. Anim. Indust.	Bulletin, U. S. Department of Agriculture. Bureau of Animal Industry, Washington, D.C.	457 U.S.
Washington, D.C., <i>Bull.</i> U. S. Dept. Agric. Div. Biol. Surv.	Bulletin, U. S. Department of Agriculture. Division of Biological Survey, Washington, D.C.	459 U.S.
Washington, D.C., <i>Bull.</i> U. S. Dept. Agric. Div. Ent.	Bulletin, U. S. Department of Agriculture. Division of Entomology, Washington, D.C.	462 U.S.
Washington, D.C., <i>Bull.</i> U. S. Fish Com.	Bulletin of the U. S. Fish Commission, Washington, D.C.	467a U.S.
Washington, D.C., <i>Carnegie</i> <i>Inst. Pub.</i>	Carnegie Institution Publication. Washington, D.C.	— U.S.
Washington, D.C., <i>Carnegie</i> <i>Inst., Year Book</i>	Carnegie Institution of Washington. Year Book, Washington, D.C.	468 U.S.
Washington, D.C., <i>Cir.</i> U. S. Dept. Agric. Bur. Anim. Indust.	Circular, U. S. Department of Agriculture. Bureau of Animal Industry, Washington, D.C.	469 U.S.
Washington, D.C., <i>Cir.</i> U. S. Dept. Agric. Div. Ent.	Circular. U. S. Department of Agriculture. Division of Entomology, Washington, D.C.	474 U.S.
Washington, D.C., <i>Dept.</i> <i>Comm. Lab. Bull. Bur.</i> <i>Fish.</i>	Department of Commerce and Labor. Bulletin of the Bureau of Fisheries, Washington, D.C.	— U.S.
Washington, D.C., <i>Dept.</i> <i>Comm. Lab. Bur. Fish.</i> <i>Doc.</i>	Department of Commerce and Labor. Bureau of Fisheries Document. Washington, D.C.	— U.S.
Washington, D.C., <i>Dept.</i> <i>Int. U. S. Geol. Surv.</i> <i>Bull.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
Washington, D.C., <i>Dept.</i> <i>Int. U. S. Geol. Surv.</i> <i>Monogr.</i>	Department of the Interior. U. S. Geological Survey. Monographs, Washington, D.C.	483 U.S.
Washington, D.C., <i>Dept.</i> <i>Int. U. S. Geol. Surv.,</i> <i>Prof. Paprs.</i>	Professional Papers. Department of the Interior. U. S. Geological Survey. Washington, D.C.	— U.S.
Washington, D.C., <i>Dept.</i> <i>Int. U. S. Geol. Surv.</i> <i>Rep.</i>	Department of the Interior. Annual Report of the U. S. Geological Survey, Washington, D.C.	482 U.S.
Washington, D.C., <i>George</i> <i>Washington Univ. Bull.</i>	The George Washington University Bulletin. Washington, D.C.	— U.S.
Washington, D.C., <i>Mem.</i> <i>Nation. Acad. Sci.</i>	Memoirs of the National Academy of Science, Washington, D.C.	486 U.S.
Washington, D.C., <i>Proc.</i> <i>Acad. Sci.</i>	Proceedings of the Washington Academy of Sciences, Washington, D.C.	486a U.S.
Washington, D.C., <i>Proc.</i> <i>Biol. Soc.</i>	Proceedings of the Biological Society of Washington, Washington, D.C.	488 U.S.
Washington, D.C., <i>Proc.</i> <i>Ent. Soc.</i>	Proceedings of the Entomological Society of Washington, Washington, D.C.	489 U.S.
Washington, D.C., <i>Rep.</i> U. S. Com. Fish.	U. S. Commission of Fish and Fisheries. Report of the Commissioner, Washington, D.C.	493 U.S.

<i>Washington, D.C., Smithsonian Inst., Cont. Knowl.</i>	Smithsonian Institution. Smithsonian Contributions to Knowledge, Washington, D.C.	496 U.S.
<i>Washington, D.C., Smithsonian Inst., Misc. Collect. Q.</i>	Smithsonian Institution. Smithsonian Miscellaneous Collections, Quarterly, Washington, D.C.	497 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Bull.</i>	Smithsonian Institution. U. S. National Museum. Bulletin, Washington, D.C.	498 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Rep.</i>	Smithsonian Institution. U. S. National Museum. Annual Report of the Board of Regents of the Smithsonian Institution, Washington, D.C.	492 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Sp. Bull.</i>	Smithsonian Institution. U. S. National Museum. Special Bulletin, Washington, D.C.	501 U.S.
<i>Washington, D.C., Smithsonian Inst., Rep.</i>	Smithsonian Institution. Annual Report of the Board of Regents, Washington, D.C.	502 U.S.
<i>Washington, D.C., Smithsonian Inst., U. S. Nation. Mus. Proc.</i>	Smithsonian Institution. U. S. National Museum. Proceedings, Washington, D.C.	500 U.S.
<i>Washington, D.C., Tech. Ser. U. S. Dept. Agric. Bur. Ent.</i>	Technical Series. U. S. Department of Agriculture. Bureau of Entomology, Washington, D.C.	505 U.S.
<i>Washington, D.C., Treas. Dept., Pub. Hlth. Mar. Hosp. Serv. Hyg. Lab. Bull.</i>	Treasury Department, U. S. Public Health and Marine Hospital Service. Bulletin. Washington, D.C.	— U.S.
<i>Washington, D.C., U. S. Dept. Agric., Bur. Biol. Surv., N. Amer. Fauna</i>	U. S. Department of Agriculture. Bureau of Biological Survey, North American Fauna, Washington, D.C.	510 U.S.
<i>Washington, D.C., U. S. Dept. Agric. Farm. Bull.</i>	U. S. Department of Agriculture. Farmer's Bulletin, Washington, D.C.	508 U.S.
<i>Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec.</i>	U. S. Department of Agriculture. Office of Experiment Stations. Experiment Station Record, Washington, D.C.	511 U.S.
<i>Washington, D.C., U. S. Dept. Agric. Rep. Bur. Anim. Indust.</i>	U. S. Department of Agriculture. Annual Report of the Bureau of Animal Industry, Washington, D.C.	512 U.S.
<i>Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
<i>Washington, D.C., U. S. Dept. Int. Geol. Atlas Geol. Surv.</i>	Department of the Interior. Geological Atlas of the United States. U. S. Geological Survey, Washington, D.C.	517 U.S.
<i>Washington, D.C., Yearbook U. S. Dept. Agric.</i>	Yearbook of the U. S. Department of Agriculture, Washington, D.C.	529 U.S.
<i>Watford, Trans. Herts. Nat. Hist. Soc.</i>	Transactions of the Hertfordshire Natural History Society and Field Club, Watford and St. Albans.	148 U.K.

<i>Weidmann, Berlin ...</i>	Der Weidmann. Blätter für Jäger und Jagdfreunde, red. v. Müller-Liebenwalde. Berlin-Charlottenburg. [wöch.]	1106 Ger.
<i>Wellington Coll., Ann. Rep. Nat. Sci. Soc.</i>	Annual Report of the Wellington College Natural Science Society, Wellington. 8vo.	425 U.K.
<i>Wellington, Trans. and Proc. N. Zeal. Inst.</i>	Transactions and Proceedings of the New Zealand Institute, Wellington.	— N.Z.
<i>Wernigerode, Schr. natw. Ver.</i>	Schriften des naturwissenschaftlichen Vereins des Harzes in Wernigerode. Wernigerode. [zwanglos.]	1112 Ger.
<i>West Ind. Bull., Barbados</i>	West Indian Bulletin, the Journal of the Imperial Agricultural Department for the West Indies, Barbados.	— W. In.
<i>West Virginia, Morgantown, Pub. Geol. Surv.</i>	Publications of the West Virginian Geological Survey, Morgantown.	531 U.S.
<i>Wien, Abh. ZoolBot. Ges. ...</i>	Abhandlungen der k. k. Zoologisch-Botanischen Gesellschaft in Wien. Red. v. Anton Handlirsch. Wien. [zwanglos.]	405 Aus.
<i>Wien, Alm. Ak. Wiss. ...</i>	Almanach der Kaiserlichen Akademie der Wissenschaften. Wien. [jähr.]	407 Aus.
<i>Wien, Ann. NatHist. Hofmus.</i>	Annalen des k. k. Naturhistorischen Hofmuseums. Redig. von Franz Steindachner. Wien. [$\frac{1}{4}$ jähr.]	408 Aus.
<i>Wien, Anz. Ak. Wiss. ...</i>	Anzeiger der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. [27 H. jähr.]	409 Aus.
<i>Wien, Arb. Zool. Inst. Univ.</i>	Arbeiten aus den Zoologischen-Instituten der Universität Wien und der Zoologischen Station in Triest. Herausgeg. v. Karl Grobben und Berthold Hatschek. Wien. [zwanglos.]	411 Aus.
<i>Wien, Beitr. Pal. Geol. ÖstUng.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien. Herausgegeben mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und G[ustav] von Arthaber. Wien. [$\frac{1}{4}$ jähr.]	415 Aus.
<i>Wien, Denkschr. Ak. Wiss.</i>	Denkschriften der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [zumindest jähr.]	420 Aus.
<i>Wien, Jahrb. Geol. Reichs-Anst.</i>	Jahrbuch der k. k. Geologischen Reichsanstalt. Wien. [$\frac{1}{4}$ jähr.]	425 Aus.
<i>Wien, JahrBer. Entom. Ver.</i>	Jahresbericht des Wiener Entomologischen Vereines. Wien. [jähr.]	430 Aus.

<i>Wien, JahrBer. Ver. Adria</i>	Jahresbericht des Vereines zur Förderung der naturwissenschaftlichen Erforschung der Adria. Wien. [jähr.]	— Aus.
<i>Wien, Mitt. Natw. Ver. Univ.</i>	Mitteilungen des Naturwissenschaftlichen Vereines an der Universität Wien. Jährlich 8–10 Nummern, Selbstverlag.	— Aus.
<i>Wien, Mitt. Öst. ReichsBd. Vogelk.</i>	Mitteilungen des Österreichischen Reichsbundes für Vogelkunde und Vogelschutz in Wien. Wien. [monatl.]	447 Aus.
<i>Wien, Mitt. Polyzena</i> ...	Mitteilungen des entomologischen Vereins Polyzena. Wien. [monatl.]	— Aus.
<i>Wien, Schr. Ver. Verbr. Natw. Kenntn.</i>	Schriften der Vereins zur Verbreitung Naturwissenschaftlicher Kenntnisse in Wien. [Nebentitel:] Populäre Vorträge aus allen Fächern der Naturwissenschaft. Herausgegeben vom Vereine zur Verbreitung Naturwissenschaftlicher Kenntnisse in Wien. Wien. [jähr. bezw. in zwanglosen Heften].	471 Aus.
<i>Wien, SitzBer. Ak. Wiss.</i> ..	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
<i>Wien, Verh. Geol. Reichs-Anst.</i>	Verhandlungen der k. k. Geologischen Reichs-Anstalt. Wien. [18 H. jähr.]	477 Aus.
<i>Wien, Verh. ZoolBot. Ges....</i>	Verhandlungen der k. k. Zoologisch-Botanischen Gesellschaft in Wien. Red. v. A[nton] Handlirsch. Wien. [10 H. jähr.]	479 Aus.
<i>Wiesbaden, Jahrb. Ver. Natk.</i>	Jahrbücher des nassauischen Vereins für Naturkunde. Wiesbaden. [jähr.]	1121 Ger.
<i>Wild u. Hund, Berlin</i> ...	Wild und Hund, red. v. Stahlecker. Berlin. [wöch.]	1123 Ger.
<i>Wilson Bull., Oberlin, Ohio</i>	Wilson Bulletin. (Wilson Ornithological Club.) Oberlin, Ohio.	347 U.S.
<i>Wilts. Archæol. Mag., Devizes</i>	The Wiltshire Archæological and Natural History Magazine, Devizes.	426 U.K.
<i>Wisconsin, Madison, Geol. Nat. Hist. Surv., Bull.</i>	Wisconsin Geological and Natural History Survey. Bulletin. Madison.	534 U.S.
<i>Wiss. Meeresunters., Kiel...</i>	Wissenschaftliche Meeresuntersuchungen, hrsg. v. d. Commission zur wissenschaftlichen Untersuchung der deutschen Meere in Kiel u. der Biologischen Anstalt auf Helgoland. Kiel. [zwanglos.]	1127 Ger.
<i>Wochenschr. Aquarienkunde, Braunschweig</i>	Wochenschrift für Aquarien- und Terrarienkunde. Hrsg. v. W. Wolterstorff. Braunschweig. [wöch.]	— Ger.

<i>Wochenschr. Thierheilk., München</i>	Wochenschrift für Thierheilkunde und Viehzucht, hrsg. v. Albrecht und Göring. München. [wöch]	1136 Ger.
<i>Wood's Holl, Mass., Mar. Biol. Lab. Lect.</i>	Marine Biological Laboratory. Biological Lectures, Wood's Holl, Mass.	536 U.S.
<i>Woolhope, Trans. Nat. F. Cl.</i>	Transactions of the Woolhope Naturalists' Field Club, Hereford. 8vo.	427 U.K.
<i>Worcester, Trans. Nat. Cl.</i>	Worcester. The transactions of the Worcestershire Naturalists' Club. [Established 1847.]	— U.K.
<i>Wr. Klin. Rdsch., Wien ...</i>	Wiener Klinische Rundschau. Organ für die gesamte praktische Heilkunde sowie für die Interessen des ärztlichen Standes. Red. v. F. Obermayer und Karl Kunn. Wien. [wöchentl.]	495 Aus.
<i>Wr. Klin. Wochschr., Wien</i>	Wiener Klinische Wochenschrift. Organ der k. k. Gesellschaft der Ärzte in Wien. Red. v. Alexander Fraenkel. Wien. [wöchentl.]	496 Aus.
<i>Wr. Med. WochSchr., Wien</i>	Wiener Medizinische Wochenschrift. Red. v. Heinrich Adler. Wien. [wöchentl.]	499 Aus.
<i>Wr. Urania, Wien... ..</i>	Urania illustrierte populärwissenschaftliche Wochenschrift redigiert von Albert Edlen von Obermayer, Alfred Till und Heinrich Jaschke. Wien. (Konegen.)	— Aus.
<i>Wszechświat, Warszawa ...</i>	Wszechświat, tygodnik poświęcony naukom przyrodniczym, red. Br. Znatowicz, Warszawa. 4to. [weekly.]	57 Pol.
<i>Würzburg, SitzBer. physik. Ges.</i>	Sitzungsberichte der physikalisch-medicinischen Gesellschaft zu Würzburg. Würzburg. [jähr. in zwangl. H.]	1140 Ger.
<i>Würzburg, Verh. physik. Ges.</i>	Verhandlungen der physikalisch-medicinischen Gesellschaft zu Würzburg. Würzburg. [jähr. in zwangl. H.]	1141 Ger.
<i>Yorks. Proc. Geol. Polyt. Soc.</i>	Proceedings of the Yorkshire Geological and Polytechnic Society, Halifax.	430 U.K.
<i>York, Rep. Phil. Soc. ...</i>	Annual Report of the Council of the Yorkshire Philosophical Society. York. 8vo.	431 U.K.
<i>Zagreb, Rad. Jugoslav. Ak.</i>	Rad Jugoslavenke akademije znanosti i umjetnosti. [Transactions of the South Slav Academy of Art and Science.] Zagreb.	— Croat.
<i>Zaragoza, Bol. Soc. Arag....</i>	Boletín de la Sociedad Aragonesa de Ciencias Naturales, Zaragoza.	— Spain.
<i>Zap. Obšč. sel'sk. choz. Južn. Ross., Odessa</i>	Записки Императорскаго общества сельского хозяйства Южной России. Одесса [Mémoires de la Société Impériale d'Agronomes de la Russie méridionale. Odessa].	380 Rus.

<i>Zdrowie, Warszawa</i> ...	Zdrowie, red. W. Janowski, Warszawa. 8vo. [monthly.]	59 Pol.
<i>Zentralbl. inn. Med., Leipzig</i>	Zentralblatt für innere Medizin, red. v. Unverricht. Leipzig. [wöch.]	280 Ger.
<i>ZentrBl. Forstwes., Wien</i> ...	Zentralblatt für das gesamte Forstwesen. Organ der k. k. Forstlichen Versuchsanstalt. Herausgegeben von Josef Friedrich. Wien. [monatl.]	506 Aus.
<i>ZentrBl. Physiol., Wien</i> ...	Zentralblatt für Physiologie. Unter Mitwirkung der Physiologischen Gesellschaft zu Berlin und der Morphologisch-Physiologischen Gesellschaft zu Wien herausgegeben von Siegmund Fuchs und J. Munk. Wien und Leipzig. [2 wöchentl.]	510 Aus.
<i>Zool. Ann., Würzburg</i> ...	Zoologische Annalen. Zeitschrift für Geschichte der Zoologie. Hrsg. von Max Braun. Würzburg.	— Ger.
<i>Zool. Anz., Leipzig</i> ...	Zoologischer Anzeiger, hrsg. v. Carus. Leipzig. [2-3 Nrn monatl.]	1148 Ger.
<i>Zool. Beob., Frankfurt a. M.</i>	Zoologischer Beobachter. Organ der zoologischen Gärten Deutschlands. Hrsg. v. d. Neuen zoologischen Gesellschaft. Frankfurt a. M. [monatl.]	— Ger.
<i>Zool. Garten, Frankfurt a. M.</i>	Der zoologische Garten, hrsg. v. d. neuen zoologischen Gesellschaft in Frankfurt a. M. Frankfurt a. M. [monatl.]	1150 Ger.
<i>Zool. Jahrb., Jena</i> ...	Zoologische Jahrbücher, hrsg. v. Spengel. 1. Abth. für Anatomie. 2. Abth. für Systematik. Jena. [Die Abth. 4 H. jährl.] Nebst Supplementen.	1151 Ger.
<i>Zool. Jahresber., Berlin</i> ...	Zoologischer Jahresbericht, hrsg. v. d. zool. Station zu Neapel. Berlin. [referierend, jährl.]	1152 Ger.
<i>Zool. Rec., London</i> ...	The Zoological Record, London...	435 U.K.
<i>Zool. Zentralbl., Leipzig</i> ...	Zoologisches Zentralblatt, hrsg. v. Schuberg. Leipzig. [referierend, 26 Nrn jährl.]	1149 Ger.
<i>Zoologica, Stuttgart</i> ...	Zoologica. Original-Abhandlungen aus dem Gesamtgebiete der Zoologie, hrsg. v. Chun. Stuttgart. [3-4 H. jährl.]	1153 Ger.
<i>Zoologist, London</i> ...	The Zoologist, London. 8vo. ...	434 U.K.
<i>Zs. allg. Physiol., Jena</i> ...	Zeitschrift für allgemeine Physiologie, hrsg. v. Max Verworn. Jena. [unbestimmt.]	1279 Ger.
<i>Zs. angew. Mikrosk., Leipzig</i>	Zeitschrift für angewandte Mikroskopie und klinische Chemie, hrsg. v. Marpman. Leipzig. [monatl.]	1157 Ger.
<i>Zs. Augenheilk., Berlin</i> ...	Zeitschrift für Augenheilkunde, red. v. Kuhnt u. v. Michel. Berlin. [monatl.]	1160 Ger.

<i>Zs. Biol., München...</i>	Zeitschrift für Biologie, hrsg. v. Kühne u. Voit. München. [$\frac{1}{4}$ jährl.]	1168 Ger.
<i>Zs. biol. Techn., Strassburg</i>	Zeitschrift für biologische Technik und Methodik. Hrsg. v. M. Gildemeister. Strassburg.	— Ger.
<i>Zs. Ent., Breslau ...</i>	Zeitschrift für Entomologie, hrsg. vom Verein für schlesische Insektenkunde zu Breslau. Breslau. [jähr.]	1180 Ger.
<i>Zs. Entzlehre, Stuttgart ...</i>	Zeitschrift für den Ausbau der Entwicklungslehre. Hrsg. v. R. H. Francé. Stuttgart. [jähr 12 Hefte.]	— Ger.
<i>Zs. Ethn., Berlin ...</i>	Zeitschrift für Ethnologie, red. v. Bartels etc. Berlin. [2 monatl.] Nebst: Nachrichten über deutsche Alterthumskunde.	1181 Ger.
<i>Zs. exper. Path., Berlin ...</i>	Zeitschrift für experimentelle Pathologie und Therapie. Hrsg. L. Brieger etc. Berlin. [zwanglos.]	— Ger.
<i>Zs. Fischerei, Berlin ...</i>	Zeitschrift für Fischerei und deren Hilfswissenschaften, hrsg. im Auftrage des Deutschen Fischerei-Vereins von P. Schiemenz und F. Fischer. Berlin.	1280 Ger.
<i>Zs. Forstw., Berlin ...</i>	Zeitschrift für Forst- und Jagdwesen. Berlin. [monatl.]	1184 Ger.
<i>Zs. Geburtsh., Stuttgart ...</i>	Zeitschrift für Geburtshilfe und Gynäkologie, hrsg. v. Olshausen u. Hofmeier. Stuttgart. [6 H. jährl.]	1186 Ger.
<i>Zs. Hyg., Leipzig ...</i>	Zeitschrift für Hygiene und Infektionskrankheiten, hrsg. v. Koch. u. Flügge. Leipzig. [8 H. jährl.]	1193 Ger.
<i>Zs. Hymenopter., Teschen- dorf</i>	Zeitschrift für systematische Hymenopterologie und Dipterologie, hrsg. v. Konow. Teschendorf bei Stargard. [2 monatl.]	1194 Ger.
<i>Zs. induct. Abstammungs- lehre, Berlin</i>	Zeitschrift für induktive Abstammungs- und Vererbungslehre. Hrsg. v. C. Correns u. a Berlin. [zwangl.]	— Ger.
<i>Zs. Infektkrankh., Berlin ...</i>	Zeitschrift für Infektionskrankheiten, parasitäre Krankheiten und Hygiene der Haustiere. Hrsg. v. R. Ostertag. Berlin. [zwangl.]	— Ger.
<i>Zs. klin. Med., Berlin ...</i>	Zeitschrift für klinische Medicin, red. v. v. Leyden u. Klemperer. Berlin. [15 H. jährl.]	1199 Ger.
<i>Zs. Landw. VersWes., Wien</i>	Zeitschrift für das Landwirtschaftliche Versuchswesen in Österreich. Vom k. k. Ackerbauministerium subventioniertes Organ für wissenschaftliche Forschung auf dem Gebiete der Landwirtschaft und der landwirtschaftlichen Gewerbe. Red. v. E. Meissl etc. Wien, Pest, Leipzig. [monatl.]	520 Aus.

<i>Zs. Laryng., Würzburg</i> ...	Zeitschrift für Laryngologie, Rhinologie und ihre Grenzgebiete. Hrsg. v. F. Blumenfeld. Würzburg. [2 monatl.]	— Ger.
<i>Zs. LehrmWes., Wien</i> ...	Zeitschrift für Lehrmittelwesen und pädagogische Literatur. Herausgegeben v. Franz Frisch. Wien. [10 H. jährl.]	— Aus.
<i>Zs. Min., Stuttgart...</i> ...	Zeitschrift für Mineralogie, Geologie und Paläontologie. Hrsg. v. R. Zimmermann. Stuttgart. [monatl.]	— Ger.
<i>Zs. Morph., Stuttgart</i> ...	Zeitschrift für Morphologie und Anthropologie, hrsg. v. Schwalbe. Stuttgart. [zwanglos.]	1213 Ger.
<i>Zs. Natw., Stuttgart</i> ...	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monatl.]	1214 Ger.
<i>Zs. Oologie, Berlin</i> ...	Zeitschrift für Oologie. Organ für Wissenschaft und Liebhaberei. Berlin.	1308 Ger.
<i>Zs. Ornith., Stettin...</i> ...	Zeitschrift für Ornithologie und praktische Geflügelzucht. Organ des Verbandes der ornithologischen Vereine Pommerns. Stettin. [monatl.]	1218 Ger.
<i>Zs. Pflanzenkrankh., Stuttgart</i>	Zeitschrift für Pflanzenkrankheiten, hrsg. v. Sorauer. Stuttgart. [2 monatl.]	1222 Ger.
<i>Zs. Philos. Päd., Langensalza</i>	Zeitschrift für Philosophie und Pädagogik, hrsg. v. Flügel u. Rein. Langensalza. [2 monatl.]	1224 Ger.
<i>Zs. Psychol., Leipzig</i> ...	Zeitschrift für Psychologie und Physiologie der Sinnesorgane, hrsg. v. Ebbinghaus und König. Leipzig. [18 H. jährl.]	1229 Ger.
<i>Zs. Thiermed., Jena</i> ...	Zeitschrift für Thiermedizin, red. v. Albrecht etc. Jena. [2 monatl.]	1234 Ger.
<i>Zs. Unters. Nahrungsmittel, Berlin</i>	Zeitschrift für Untersuchung der Nahrungs- und Genussmittel, hrsg. v. v. Buchka etc. Berlin. [monatl.]	1237 Ger.
<i>Zs. Veterinärk., Berlin</i> ...	Zeitschrift für Veterinärkunde mit besonderer Berücksichtigung der Hygiene, red. v. Gramlich. Berlin. [monatl.]	1244 Ger.
<i>Zs. wiss. Insektenbiol., Berlin</i>	Zeitschrift für wissenschaftliche Insektenbiologie. Früher: Allg. Zs. Ent. Hrsg. v. C. Schröder. Berlin. [monatl.]	— Ger.
<i>Zs. wiss. Mikrosk., Leipzig</i>	Zeitschrift für wissenschaftliche Mikroskopie und mikroskopische Technik, hrsg. v. Behrens. Leipzig. [$\frac{1}{4}$ jährl.]	1248 Ger.
<i>Zs. wiss. Zool., Leipzig</i> ...	Zeitschrift für wissenschaftliche Zoologie, hrsg. v. Kölliker u. Ehlers. Leipzig. [8 H. jährl.]	1249 Ger.

Zürich, <i>Abh. Schweiz. pal. Ges.</i>	See Basel, <i>Abh. Schweiz. pal. Ges.</i> ...	— Swi.
Zürich, <i>Neujahrbl. natf. Ges.</i>	Neujahrsblatt der Naturforschenden Gesellschaft in Zürich. 4to.	— Swi.
Zürich, <i>Vierteljahrsch. Natf. Ges.</i>	Vierteljahrschrift der naturforschenden Gesellschaft in Zürich. Zürich und München. 8vo.	125 Swi.
Žurn. <i>nejrop. psichiatr. imeni Korsakova, Moskva</i>	Журналъ нейропатологiи и психiатрiи имени С. С. Корсакова. Москва [Journal de névrologie et de psychiatrie publié en mémoire de S. S. Korsakoff. Moscou].	393 Rus.
Žurn. <i>Obšč. ljub. komn. rast., St. Peterburg</i>	Журналъ Общества любителей комнатныхъ растений и аквариумовъ. С.-Петербургъ [Journal de la Société des Amateurs de plantes et d'aquariums. St.-Pétersbourg].	394 Rus.
Zwickau, <i>Jahresber. Ver. Natk.</i>	Jahresbericht des Vereins für Naturkunde zu Zwickau. Zwickau. [jährh.]	1253 Ger.

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